

<222> (18)...(389)  
 <223> similar to gi21992 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 812  
 tcaacttctc tgcacctcct ccattctgagc cccttccctt ctctgcacct cctccatctg 60  
 agccccttcc cttctctggg ccgcccccat ctgacccctt tcccttctct gcacctcctc 120  
 catctgagcc ccttcccttc tctgggcccc ctctccatc tgagcccctt cccttctctg 180  
 ggcttcccc atctgacccc ctttccttca ctgcacctcc tccatctgag cctgttcctt 240  
 tctctgggccc tgctccatct gaccgccttc ccttcttttg acctactaca tctgagcccc 300  
 ccaatagact gggatgccta ctcaaccaca ccccatatgc ctctccaaga aacttccttt 360  
 gcctgagccc acacgtttgc atcccct 387

<210> 813  
 <211> 413  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(413)  
 <223> similar to gi5360085 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 813  
 ggctgccatt gccagaaaagc ctgccaaaacc tcaaccgaaa cttaaaccaca agggcaatgt 60  
 gggaattggg ggttctgctg taccaccacc tcctataaaa cacaacatga atattggaac 120  
 ttgggatgaa aaagggtcag tggtaaaggc tccaccaacc caaccagtgc tgctcctca 180  
 aactataatc cagcagcctc agccattaat tcaaccacca ccattggtgc aaagccaact 240  
 gcctcaacag cagcctcaac caccacaacc acagcagcaa caaggacctc agccacaggc 300  
 ccagcctcac caagtgcagc ctcaacagca gcagctgcag aatcgctggg tagctcctcg 360  
 taacagggga gcagagattc aaccagaaca atggagcggg cagtgaatgt att 413

<210> 814  
 <211> 691  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (533)...(658)  
 <223> similar to gi3719435 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

001210 "001210" 001210

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<400> 814
ggcacgagaa gcctgggctc ccaatgctgc ccagggctgc agaggcagga acttcggagt    60
gtaagtggac acactgcact gtgtctctga cgtaggtgtg attgctcca tgaggaggac    120
agctccacag ttctacttac cgttgtccat tttgttttga ttttcggcag ctccatcctg    180
gaattgttcc ccaaattatt atgcctggat ggccagcagt caccagagc aactttatgt    240
ggtactgaag cccacaagag gttaccaacc tgtaagggtga gaagagagga tccagcaggg    300
tgggtgatga ggaagggggg gtaccatctg tggctctggg gactctttat tccaggggaag    360
cttcttttga tctgagatgt tgaagaatct ggtcctgcaa ttctctgcagc agtaagtatc    420
cctgggaatc tgaggcaaga gaaggctagg tcagatgaat ttaccaagc acaagtctgc    480
ctacagtcag actttcaaga ctcatctggc acccaggcca cagagatagc ctgtcctcac    540
tgggtctcaa caggtattac ttgatctatg actctggaga tcgacagggt ctcttagtg    600
cttaccacga tgaggcctgc ttctccctga gcattccctt caatcctgag gactcagccc    660
ccttctgcag ttctttcaag atagcaagaa g

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<210> 815
<211> 692
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (49)...(692)
<223> similar to gi21842 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 815
acttcctgaa ggcagcggcc ccagctcggg tcccactcat cccatggccc atcacctgcc    60
tgagcccatg gagagccatc aggacttccg gagcatcaaa gcaaagttcc aggcctctca    120
gccggagccc agcgacctgc ccaaaaaacc tccgaagcct gagtttggtg aactgaagaa    180
gttctccag cctgagctaa gcgagcacc ccagaaggcc ccgctgcctg agtttggtgc    240
agtgtccttg aagccccgcg agcctcagtt cactgacctc cccaagaagc ccccgccgcc    300
tgaggctact gacctcccca agaagcccc gccgcctgag gtcactgacc tcccccaagaa    360
gcccccgccg cctgagggtca ctgacctccc caagaagccc ccgcccctg aggtcactga    420
cctccccaag aagccgtcca aactggagtt gactgacctc tccaagaagt tcccacagct    480
ggggggcact ccgttttcaa ggaagcccct gcagcctgag gtcggtgagg cccctttgaa    540
ggcctcgctg ccggagcctg gtgcgcccgc ccggaaaccc ctgcagcccg acgaactcag    600
tcaccccgcc agacccccct ccgaacccaa atccggcgca ttccccagga agctctggca    660
acccgaggcc ggtgagggcta ccccgaggtc cc

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<210> 816
<211> 1091
<212> DNA

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<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1090)...(0)

<223> similar to gi5931706 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 816

tttttttttt	ttcggcattt	cagagacttt	taatactttc	agtaattctg	ctattgctat	60
ctagaaggca	gagccagggt	tacaggatgg	aacatgaaag	cagaccagga	gcatgactac	120
tgaagcacag	catcacaggg	agacggtcag	gcctctggat	aactgcaggc	aggcctgact	180
tatgtcaggc	cctccataag	agatgggtgga	gtagagtctt	ctctaaactc	ccctggggaa	240
agggagactc	cctttcctgg	tctgctcagt	agcagggtgct	tttccttggc	actgacgcta	300
ccactagacc	atggtccgct	tggtacgggc	atcttcccag	acgctggcat	tactgctaga	360
ccaaggagcc	ctctggtggc	cctgcctggg	cataacaaaa	ggctcacact	cttgtcttct	420
tgctacttct	caccatgtcc	cctcagctcc	tatctctgca	tggcctgcct	tttttttaggt	480
tatgattgta	gagtgaggat	tattataata	tttgaataaa	gagtaattac	tacaaactaa	540
tgattaatgg	tatttatata	atcatatcta	tgagctatat	cagtatacct	cttgttattt	600
tatatatttt	attacactgg	aacagctcgt	gctctcggtc	tcttgccctg	gcacctgggt	660
ggcttgccac	ccacatctcc	ccgcttttta	ttaactagga	tcaccattgc	catcattgct	720
tgctggtgac	tttggaactt	tcttcggatt	ccttgcggga	tctgcagact	aaaagtagac	780
aacataagca	taccaatatt	aataatgcca	gtgacaacaa	tgatcctctg	agggggttga	840
tccatttaaa	gggattaaga	tcagataatt	cttttagctat	tccttcaaaa	atgtctgagc	900
ccagaacagt	ggataaatga	gcctgtgaag	cctcaaaaaat	ttgttcttta	agttttgaaa	960
tatccaaggt	taagttatca	tcccaggttt	ttaaatgtct	tgaggccgat	tcccagctat	1020
gctgatcttt	attataagca	taaggtgtta	tacagtaatc	agaagtattc	caatcacatt	1080
gtaattgcat	a					1091

<210> 817

<211> 1159

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (399)...(1013)

<223> similar to gil086794 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 817

ctggaagaat	taacaactac	agcatcaagg	aggaggagtg	tgattctgag	ggggatggct	60
acggaagtga	ttccaacatc	cccagaagt	accacccaaa	gtccactggg	gagcccacaa	120
gagagataga	actgaaaagt	tcccagggga	gcagtctgaa	ggatttaggc	ctgaagacaa	180
gttctctagt	tctggagaaa	tgttctttgt	ctgccttagt	gagcaaagaa	gatgaagagt	240
tttgtgaact	gtacactgag	gacttcgatt	tggaaacgga	gggggagagt	aaagttgata	300
agctctcaga	tattcctctc	aagccagagg	tgctcgcgga	agatgggtgtg	gtccttgaca	360

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gtgaggacga ggtggactcg gccgtgcagc acccggaatt gccagtgaag acgttgggct 420
tctttataat gtgtgtctat gtgtacctca tcttccccct cccccactat gtgagtggac 480
tctttctggg aattggcctt ggattcatga ctgcagtttg cgtgatttgg ttttttacac 540
caccaagtgc tcataaatat cacaagttac acaaaaatct gcgacactgg aacacaagat 600
ctctggatat caaagaacct gaaatactga agggatggat gaatgagatt tacaactatg 660
atccagaaac ctacatgcg actttgacac attcagtctt tgttcgactt gaggggtggaa 720
ccttaagact ttcaaaagccc aataaaaaata tatccaggag ggccagctac aatgaaccca 780
agccagaggt cacctacatc agccagaaaa tctatgacct ctacagacagc aagatttatc 840
ttgtacctaa aactttggct cgaaagcgaa tctggaataa aaagtacccc atttgtatcg 900
agcttggtca gcaagatgac tttatgtcta aagctcagac tgataaggag acttcagaag 960
agaagccgcc agctgaggga agtgaggacc ctaagaagcc accccgccct caggagggaa 1020
caagatctag ccagcgagat cagatactct atctcttttg gagaactggc cgagaaaaag 1080
aggaatggtt taggagattt attctggcat ctaagctaaa gtcggaaatc aagaagtcac 1140
cgggtgtctc tggaggtaa 1159

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<210> 818
<211> 412
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (14)...(415)
<223> similar to gi3851160 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 818
aaaacagaag gttcaagata ctaatttgga ggtaacaag ctgaagaata tattaaagtc 60
tgaagaatct gagaaccggc aaatgatgga acaacttcga aaagccaatg aagatgctga 120
aaactgggaa aataaaagccc gtcaatcaga ggcagataac aataccctca aactggaact 180
tatcactgct gaggcagagg gtaacagatt aaaagaaaaa gtagattccc tcaacagaga 240
ggttgagcaa ggccatccag agtagagatg tggcccagtt cagaaatgtt gtcacacaat 300
tggaagctga tttagacatt accaaaagac aactaggaac agagcgcttt gaaagggaga 360
gggccgtaca agaacttcgc cgccaaaatt attcaagtaa tgcttatcat at 412

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<210> 819
<211> 536
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (176)...(525)
<223> similar to gi3845231 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 819
attatatttat ttcatttcat ttcattatatt catttcatta tgcattttca tttcatctca    60
ttacatttca tctaatttca tttcacctca tttcatctca tcattttcatt tcatctcatc    120
atttcatctt ttcatttcat ttcatttcat catctcatca actcttttca tcttatctca    180
tcattttcatc atttcatctc atcatttcat ctcatctcgt atcttatctc atttcaattt    240
catttcatta tttcatgtca tctcatctca tctcatcatt tcatctcatc acatctcatc    300
atttcatcaa tttcatcatc tcatcatttc atctctcatt tcgattttat ttcaatttca    360
tttactatt tcattttcat tcatcatttc atctcaccat ttcatttcat catctcatct    420
catcatttca tttcatcatt catctcatca tctcatcatt catctcatca tttcatatca    480
tcattttatc tcatctatca tttcatctca tttcatctca tctcattcca tcatta        536

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<210> 820
<211> 974
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(837)
<223> similar to gi4240293 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 820
aaacaatccg atctaccaca gatcctgtga tgagccagtg tgcattgtctg gaggaagtgc    60
acttaccaaa cattaaacct ggggaaggcc tgggcatgta catcaaatca acctatgatg    120
ggttacacgt gattactgga accacagaaa attctcctgc agacagatct cagaagattc    180
atgctggtga cgaagtcatt caagttaatc agcaaactgt ggtgggatgg cagctgaaaa    240
atctggtgaa gaaattgaga gagaatccca ccggagttgt gttactgctt aagaagcgcc    300
ccaccgggtc tttcaacttt actcctgctc ccctgaaaaa cctacggtgg gaagccacct    360
cttgtagaga cctcacctcc acccgcgaca acccagtcct ctgaaagcac tatggatacc    420
tcaactgaaga aggagaagtc agccatcctg gatctttata ttcctcctcc gcctgctggt    480
ccctactctc cccgggatga gaatggcagt tttgtttatg gaggggccag taagtgcaaa    540
caaccattgc ctggtcctaa gggttcagag tccccgaatt ctttcttgga ccaggaaaagc    600
cggagacgaa gattcaccat tgcagactcg gatcagttgc ctgggtactc ggtggaaaacc    660
aacattctgc ccacaaaaat gagagagaaa acaccatctt atggcaagcc acggcctttg    720
tccatgcctg ctgatgggaa ctggatgggg attgtggacc cttttgccag acctcgaggt    780
catggcagga aaggggagga tgccctttgc cggatatttca gtaacgagcg gattcctccg    840
atcattgaag agagctcctc tccccatac cggttctcca gaccacgac cgagcggcac    900
ctgggtccggg gtgcggacta catccgagga agcaggtgct acatcaactc agatctccac    960
agcagcgcca cgat

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<210> 821
<211> 439

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<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (17)...(441)  
 <223> similar to gil334115 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 821  
 agtgattcgg cactgagatta caaatatata tgcactaaac atcagacttc ctaaatatat 60  
 aaagcaaaca ctgacagaat tgaaagaaga aatagacaac acaataatag taggagattc 120  
 aataccccac tttcaataat ggataaaata accagacaga aaatcaataa ggaaacagag 180  
 cactcgaaca atactatagg ccacttaacc atagacatac acagaacatt ccacccaaca 240  
 acagcagaac ccacatttct ctcaagtgt catggaattt tctccagata gacgacatgt 300  
 tgggccacaa aacaagactt aaaatataaa aacattgaca ttctaccaag tatcttccaa 360  
 tcacaatggg atgaaaccag aaatcaatag caggatgaaa tctggaaaac ccacaaatat 420  
 gtggcaacta aacaacaca 439

<210> 822  
 <211> 1773  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1714)...(0)  
 <223> similar to gi5824570 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 822  
 tttttttttt ttccgattgg tgctgggagt tgtcaccaca ttggcccttt ttttcccaa 60  
 cacatttgtg aatgttgag atgttgag gattccaatc gtagtggtgg tgggtgcact 120  
 aggaggttct atgggaactt cttgctccac atcttcatca ttctcctctt catcttcac 180  
 ctctggtagt tccgaattct ccttaggttt gttttcttca tcttcttctt gtttctttt 240  
 ctgttctctt tttttctttt ttctcttttc ttttctttt tctcttttag cagcaagagc 300  
 ctgctttctg ctctcttctc ttgacttttc cagatcaagt tccttttaaa gaatactcgc 360  
 attcttattt gcttctgcag cttgctgggc ttttagccttc acaatgggtt cgacacattg 420  
 atgacatttt ttcaacagtt ccttatctgt aattgttgct atgtatctca tgcattctat 480  
 atcagaaggg aactgattta cttcctttac caaatattga acaactttta catgacctt 540  
 gcgaaatgct gacataagag gtgtgatttt cgggttatct gctgcatcca catcagacc 600  
 tgcttgact agcaactgca caacatcaaa atgacctcca ttggatgcca gccaaagtgg 660  
 cgtatttccc tttttgttac gaacatcaat gtgggctccc ctatgaatca ggagttcaca 720  
 aaatttgtag tgacctttgt ctgctgctat tgttaaagca gtatctcttg aggaaggcac 780  
 agggggagca ttaacatctg ctcttttatc aagaagaact cttccaacct ctgcataccc 840  
 tccagaagct gcttccatca agggggtaag acccgtcttt gccctatgtt caacattggc 900  
 ttttcggtcc agaagcaaac tcactacttc tgctcgcccc tggaaacagg ccagggtgag 960

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agccgtgttc cgattggtct ctatttgggc attaatgtct gaacccatat cgagcagcaa 1020
ttttactgca ggaacatgtc cattcattgc agccaacatc aggggagaaa tacctagttt 1080
actcccagtc cttgaattaa tttctgcccc agcattaagc agaatcttaa tgatattaac 1140
atatcctcca gacgcagcta gactcagtgg tgtataatca gatacgttcc tatgttcttt 1200
atttgacact cgagccagca gcaagtctac cacctcctga cgtccaccag aacatgccaa 1260
tgaaaagcga gtatccttag ttcgttcaga ctgtgcttct atatctccac ctttatccaa 1320
aaggatttca acaactccaa catgccctgc tgttgctgcc aggattagtg gtgtgaaacc 1380
ttttttgtct ctgtgttcaa ttttggcatc ccgtgcaatg agcacagata caagttcttc 1440
atgaccacct gcacaagcta gtgttaatgc tgtgtcatga ttgctctcag tatgtgcatc 1500
aatgtcaact gaaggataca caggaggcat cgattgggaa gccacattgc ttgtagtctg 1560
cgaacaggat tcaggtgtaa gacactctgt ggtctgagaa gaactgttgg aaccagtggg 1620
cactttggta ctacacagctg ctatcagggtc atcaagagtg tcggtaagcg tctgagctgg 1680
agttgcaacc attagtccat ctgggtcctg aactaacagc ccctgatcat gtccagtaat 1740
agcaatctga ggctgtccta caatcctcgt gcc 1773

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<210> 823
<211> 348
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (10)...(350)
<223> similar to gil017722 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 823
ggcacgagca aatgtgaaga atgtggcaaa gccttcaact cgtcctcaca ccttactgca 60
cataagagaa ttcatactgg agagaaaccc tacaatgtg aacgatgtgg caaggctttt 120
aagcgctcct ttatccttac tagacataag agaattcata ctggagagaa accctacaaa 180
tgtgaagaat gtggcgaagg ctttaagtgc ccctctaccc ttactacaca taagggaatt 240
catactggag agaaactata aatgtgagga atgtggcaaa gctttaagct atcccactat 300
gcttttttca cataagaaaa ttcattattgg agggaaactg tacaagtg 348

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<210> 824
<211> 1276
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (10)...(1276)
<223> similar to gi4176500 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400>	824					
ggcacgagct	ttggcctaca	cgggctggtg	gagcttgggc	agagctcagg	caagaaggca	60
ggtgactggt	atgggccatc	gctagtggca	cacatcctca	ggaaagccgt	ggagagctgc	120
tccgacgtca	cccgctggt	ggtgtacgtt	tctcaggact	gcacagtgtg	caaggcggat	180
gtggcacgcc	tggtggccag	gccagacccc	acagccgagt	ggaagtctgt	ggtcatcctg	240
gtgcccgtgc	gactgggtgg	cgagactctc	aaccccgtgt	atgtgccctg	cgtgaaggaa	300
ctcctgcgtt	gcgagctgtg	cctgggcata	atgggtggga	aaccgcgaca	ctactgtac	360
ttcattggct	accaagatga	cttcctgctg	tacctggacc	ctcactactg	ccagcccact	420
gtggatgtca	gccaggccga	cttccccctg	gagtccttcc	actgcacctc	gccccgcaag	480
atggcctttg	ccaagatgga	ccaagctgt	accgtgggct	tctatgctgg	agacaggaag	540
gagtttgaga	cactctgctc	agagctgacc	agggtcctca	gctcctcctc	agccacagag	600
cggtagccca	tgttcaccct	ggccgagggc	catgctcagg	accacagcct	ggacgacctc	660
tgctcccagc	tcgccagacc	cacactccgg	ctccctcgca	cagggcggct	tccttcaggc	720
ccaaacgccc	cagctctgag	gacttttgtt	ttttataaag	ggaggggatg	aggggaaaga	780
tacaacacta	tttatTTTTT	tatttatgtc	atgtcgggtg	tgggatcttg	agctctggca	840
gtgatgatgg	tacttcctgt	tgtcagcccc	tcaagccag	ctgcaaccag	tctggggcca	900
ttcagccagg	gacagagccc	acagagccca	tacacctgtc	tcccaccagc	ggggccctcc	960
tggcagggta	gggaaggagg	accccgggca	ccccctcag	ggcctgactc	acgtactgta	1020
gtttgcactg	gacgcccggg	ccctccctgt	cccaaagccc	ccttggggga	actgtggctg	1080
ctgggggcca	ataaagctgt	gtaacttgat	cgtgggtgtg	gctgggcgca	gcgttctgag	1140
gggatgtggg	gtctgggagg	tgtctcgagg	tgagagctcc	aagtcacggg	aagtttaagt	1200
cagcctcagt	ttccacatcc	ataaaatggg	acgacttctt	taccacagac	tacacgtgtt	1260
ttttaatttt	tttttt					1276

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<210> 825
<211> 918
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (23)...(916)
<223> similar to gi4185939 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<400>	825					
aaattgactt	ctatagacga	ttcgccacga	ggttttccag	acaccctatg	cttcagctca	60
aaaaacggag	cttgtagctg	taattgaggt	attgactgct	tttaatatgc	ctattaatgt	120
gattttctgat	tcttcatatg	tggttcattc	gacacaatta	attgaaaatg	ctgagttacg	180
atttcataca	gatgaacaac	tgatgacttt	atztatgcaa	ttgcaaacag	cagttaggag	240
tagaatgcac	cctttttaca	tcactcacat	tagggctcat	acacctcttc	caggaccttt	300
gactgcaggg	aatcaaatgg	ctgatcgcct	agttgctact	gcaatatcta	atgctggaca	360
ctttcacaat	ttaacccgtg	ttaataacctc	tggtctcaaa	cgcagataca	gcagtacctg	420
gaaagaagct	aaagctatta	tccagcgatg	cccaacttgc	caaatggtag	attcctcatc	480
ttttacagga	ggagcttaatc	ctcgaggatt	ggaacctaat	tctctttggc	aaatggatgt	540
caacacatgt	tccctcattt	gggagactag	cttatataca	tgtatgtgtg	gacacctttt	600
cttactttgt	ctgggctaca	tgccaatcag	gagagtcttc	tgctgtgtgt	agttaaacat	660
caccttttgc	agtgttttgt	ggtgggtggc	attccagctt	ctattaaaac	agataatgcc	720



<222> (1)...(805)

<223> similar to gi3172337 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 827

ctccgcaatg	ccttggacgt	cctgcataga	gaggtgcca	gagtcctggt	caacctcgtg	60
gacttcctga	acccactat	catgcggcag	gtgttcctgg	gaaaccaga	caagtgccca	120
gtgcagcagg	ccagcttgaa	ccacttgga	gcaaacaga	gacctggac	ctgagagcag	180
agatgcccat	cacctgtccc	actcagaatg	agcccttct	gagaaccct	cggaatagta	240
actacacgta	ccccatcaag	ccagccattg	agaactggg	cagtgacttc	ctgtgtacag	300
agtggaaagg	ttccaatagt	gttccaacct	ctgtccacca	gctccgacca	gcagacatca	360
aagtgggtgg	cgccctgggt	gactctctga	ctacagcagt	gggagctcga	ccaaacaact	420
ccagtgcact	accacatct	tggaggggac	tctcttggag	cattggagg	gatgggaact	480
tggagactca	caccacactg	cccaacattc	tgaagaagt	caacccttac	ctccttggct	540
tctctaccag	cacctgggag	gggacagcag	gactaaatgt	ggcagcggaa	ggggccagag	600
ctagggacat	gccagcccag	gcctgggacc	tggtagagcg	aatgaaaaac	agccccgaca	660
tcaacctgga	gaaagactgg	aagctgggtca	cactcttcat	tgggggcaac	gacttgtgtc	720
attactgtga	gaatccggag	gccacttgg	ccacggaata	tggttcagcac	atccaacagg	780
ccctggacat	cctctctgag	ga				802

<210> 828

<211> 859

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(860)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (31)...(858)

<223> similar to gi4240231 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 828

gtgggtggaat	tcctctggag	caggaggccc	agtggctctt	ctgacccaag	gccccgccgt	60
ccagcttcta	agtgccagat	gatggaggag	cgtgcccaacc	tgatgcacat	gatgaaactc	120
agcatcaagg	tggtgtcca	gtcggctctg	agcctggg	gcagcctgga	tgccggaccat	180
gcccccttgc	agcagttctt	tgtagtgatg	gagcactgcc	tcaaacatgg	gctgaaagtt	240
aagaagagtt	ttattggcca	aaataaatca	ttctttggtc	ctttggagct	ggtggagaaa	300
ctttgtccag	aagcatcaga	tatagcgact	agtgtcagaa	atcttccaga	attaaagaca	360
gctgtgggaa	gaggccgagc	gtggctttat	cttgcaactca	tgcaaaagaa	actggcagat	420
tatctgaaag	tgcttataga	caataaacat	ctcttaagcg	agttctatga	gcctgaggct	480
ttaatgatgg	aggaagaagg	gatggtgatt	gttgggtctgc	tggtgggact	caatgttctc	540
gatgccaatc	tctggcttga	aaggagaaga	cttggaattct	cagggttgag	taatagattt	600



caccaaccaa	cgtggtgagc	tgagcgtcgg	gcagctgctc	aagtggattg	acaccacggc	300
ttgcctgtcc	ggtgggcatc	caggtggcct	cggaggacct	gtgctctgag	aagcagtgga	360
atgtgtgcaa	ggccttggcc	accttcgtgg	cccgccgaga	gatcaccaag	gtgaagctga	420
agcagatcac	gccgcggaca	gaagaggaga	agatgg			456

<210> 831  
 <211> 1414  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1415)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (28)...(1156)  
 <223> similar to gi3417296 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 831	
ccctcgaggc	caagaattcg gcacgagcga ctgtcaaadc ttcttcagag gatcacccgg 60
gaaaacgacc	gagaccgaag attggctact gtaaagcagt tgaaagaatt tattcagcaa 120
ccagaaaata	agctgggtact agttaaacaa ttggatatct tggctgctgc acatgatgtg 180
cttaatgaaa	gtagcaaat gcttcaggag ttgagacagg agggagcttg ctgtcttggc 240
cttctttgtg	cttctctgag ctatgaggct gagaagatct tcaagtggat ttttagcaaa 300
tttagctcat	ctgcaaaaaga tgaagttaaa ctctctact tatgtgccac ctacaaagca 360
ctagagactg	taggagaaaa gaaagccttt tcatctgtaa tgcagcttgt aatgaccagc 420
ctgcagtcaa	ttcttgaaaa tgtggataca ccagaattgc tttgcaaatg tgttaagtgc 480
attcttttgg	tggctcgatg ttaccctcat attttcagcg ctaatttttag ggatacagtt 540
gatataattag	ttggatggca tagagatcat actcagaaac ctctgctcac gcagcaggta 600
tctgggtggg	tgcagagttt ggagccattt tgggtagctg atcttgcat tcttacgact 660
cttcttgggt	agtttctaga agacatggaa gcatatgctg aggacctcag ccatgtggcc 720
tctggggaat	cagtggatga agacgtccct cctccatcag tgtcatcacc aaagctggct 780
gcgcttctcc	gggtatttag tactgtgctg aggagcattg gggaacgctt cagcccaatt 840
cgggtcctcc	aattactgag gcatacgtaa cagttgttct gtacagagta atgagatgtg 900
tgacggctgc	aaaccagggtg tttttttctg aggtgtgtt gacagctgct aatgagtgtg 960
ttgggtgttt	gctcggcagc ttgaatccta gcatgactat acattgtgac atggncatta 1020
catatggatt	agaccaactg gagaattgcc agacttgttg taccgattat atcatctcag 1080
tcttgaattt	actcacgtg gtatgtgaat tattcttttc ctttttaatg tgttggttta 1140
ttcaggccct	taaatggata tgtaagaaat taagggcttt gtctgggtat ggtggctcat 1200
gctagtaatc	ccagcgcttt gggaggccaa agcagaaggg ttgcttgcat ccaggaattc 1260
tggcacagct	tgggcaatgt agtgagacc catctgtaca aaaagtcaaa aattagcttg 1320
gtgtagtggg	gtcgcaactgc ggtcctagct actcgggagg ctgatggagg aggatcgatt 1380
aagcccagga	acttgaggtt gaggtgagct ctga 1414



<210> 832  
 <211> 630  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (67)...(249)  
 <223> similar to gi3694664 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 832  
 caaccccgcc gccggggaca tgtccaaccc ctgaagccgg aggaacgggc cagtcagact 60  
 gcgcccgcaca ggtatattga aaagtctgat tcagttacaa tcagtgtatg gaatcacaag 120  
 aagatccata agaaacaagg tgctggattt ctccggttggtg ttctgtctttt tccagtgccca 180  
 tcaaccacct caaagacact ggttatcaga gggttgattt atgcaaactt gggccaaagg 240  
 acagttagaa gacagtagct gaagaagcat ctgtagggaa tccagaagga gcattcatga 300  
 agatgttaca agcccgggaag cagcacatga gcactgagct gactattgag tcggaggcgc 360  
 cctcagacag cagtggcatc aacttgctcag gctttggggag tgagcagcta gacaccaatg 420  
 acgagagtga tgttagcagc gcaactaagtt acatcttgcc ttatctctca ctgagaaatc 480  
 taggtgcaga atcaatattg ttaccggttca ctgaacagct attttcaaatt gtacaagatg 540  
 gagataggct cctgagtatt ttgaaaaaca atagaaagag cccctcacag tccagccttc 600  
 taggtaacaa atttaaaaac aaaatatttg 630

<210> 833  
 <211> 428  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (117)...(429)  
 <223> similar to gi5262511 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 833  
 atgagggcac ggccttgtaa agaaacccaa agcagcacag cctctgagaa ctgaataatg 60  
 gcccccttcca gatgcctctt tgcaatggtg gaaatttggc agtaacaggt tcctgggcag 120  
 atcgatcacc actacatgaa gcagcaagtc aaggctgcct tcttgctctg agaacattat 180  
 tatcacaggg ttataatgta aatgcagtaa ccttagacca tgtcacccca ttgcacgaag 240  
 cctgccttgg agatcacgtg gcatgtgccca gaactctgct ggaagcagga gctaattgtaa 300  
 atgcaatcac gatagatggc gtgactccgt tattcaacgc atgctcccaa ggcagtccaa 360  
 gctgtgcaga gctgcttctg gagtatggtg ccaaagccca gcctggagtc atgtcttcca 420  
 tccccaac 428

<210> 834  
 <211> 798  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (23)...(747)  
 <223> similar to gi387055 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 834  
 agaagcgctg ggcttggaca ggcctgccat tgacaaacag agccctctca acatcaatgg 60  
 tgctagggat ctgcggtgc cctgggtcaa tccttacatg gagggggcca cgccagccat 120  
 ctaccctttc ctcgactcgc caaataagta ttactgaac atgtacaagg ccttgctacc 180  
 tcagcagtcg tacagcttgg ccagccgct gtattctcca gtctgcacca atggggagcg 240  
 ctttctttac ctgccgccac ctactacgt cggacccac atcccatcgt ccttggcatc 300  
 acccatgagg ctttcgacac ctttggcctc ccagacatt ccgcctctcg tccattgcgc 360  
 agacaaaagc ctcccgtgga agatgggctg cagccctggg aatcctgttg attcccacgc 420  
 ctatcctcac atccagaaca gtaagcagcc cagggttccc tctgccaagg cggtcaccag 480  
 tggcctgccg ggggacacag ctctcctgtt gccccctcg cctcggccgt caccgccagt 540  
 ccaccttccc acccagcctg ctgcagacac ctactcggag ttccacaagc actatgccag 600  
 gatctccacc tctccttcag ttgccctgtc aaagccatac atgacagtta gcagcgagtt 660  
 cccgcgggcc aggctctcca atggcaagta tcccaaggct ccggaagggg gcgaagggtg 720  
 ccagccagtg cccgggcatg cccggaagac agcgggtcaa gacagaaaag acggcagctc 780  
 acctcctctg ttggagag 798

<210> 835  
 <211> 483  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (42)...(484)  
 <223> similar to gil48199 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 835  
 gttcggggaa ttgacgctgt ggtaccggat cgaattcccg tgcgactat aacgtgctgg 60  
 tctgcgttaa tcgcaccagc gcgcagcaac cgttgcaggt atatgatttt ttgtgcgatg 120  
 cgggagtcga attcatccag tttattccgg tggctgagcg cctggctgat gaaacaactg 180  
 cccgcgatgg acttaagtta catgcgcctg gtgatattca gggtagagta acggaatggt 240  
 cggtgcgccc cgaggagttc ggtgagtttc tgggtggcgat attcgaccac tggatcaaac 300

```
gcgacgtcgg caagattttc gtgatgaata tcgaatgggc gtttgccaat tttgtcggtg 360
cgccgggtgc ggtttgccat catcagccaa cctgtgggcg ctcggtgatt gttgagcaca 420
acggcgacgt ttacgcctgt gatcactatg tttatccgca atatcgggct ggggaatatg 480
cac 483
```

```
<210> 836
<211> 1443
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(1444)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (3)...(1443)
<223> similar to gi2052189 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 836
aaataatgaa agatcgatgg atgaatgttg gtcatagaaga ggaagaacta aagccatata 60
ctgagcctga tccggatttc aatgacacaa aaagaataga cattatgggc accatgggct 120
ttgcacgaga tgaaataaat gatgccttaa taaatcagaa gtatgatgaa gttatggcta 180
cttataattct tctaggtaga aaaccacctg aatttgaagg tggatgaatcg ttatccagtg 240
gaaacttggtg tcagaggtcc cggcccagta gtgacttaaa caacagcact cttcagtcctc 300
ctgctcacct gaaggtccag agaagtatct cagcaaatca gaagcagcgg cgtttcagtg 360
atcatgctgg tccatccatt cctcctgctg tatcatatac caaaagacct caggctaaca 420
gtgtggaaag tgaacagaaa gaggagtggg acaaagatgt ggctcgaaaa cttggcagca 480
caacagttgg atcaaaaagc gagatgactg caagccctct tgtaggggcca gagaggaaaa 540
aatcttcaac tattccaagt aacaatgtgt attctggagg tagcatggca agaaggaata 600
catatgtctg tgaaaggacc acagatcgat acgtagcatt gcagaatgga aaagacagca 660
gccttacgga gatgtctgtg agtagcatat cttctgcagg ctcttctgtg gcctctgctg 720
tcccctcagc acgaccccg caccagaagt ccatgtccac ttctgggtcat cctattaaag 780
tcacactgcc aaccattaaa gacggctctg aagcttaccg gcctgggtaca acccagagag 840
tgctgctgc ttccccatct gctcacagta ttagtactgc gactccagac cggacccggt 900
ttccccgagg gagctcaagc cgaagcactt tccatgggtga acagctccgg gagcgacgca 960
gcgttgctta taatgggcca cctgcttcac catcccatga aacgggtgca tttgcacatg 1020
ccagaagggg aacgtcaact ggtataataa gcaaaatcac atccaaattt gttcgcaggg 1080
atccaagtga aggcgaagcc agtggcagaa cgcacacctc aagaagtaca tcaggggaac 1140
caaaagaaag agacaaggaa gagggtaaa attctaagcc gcgttctttg cggttcacat 1200
ggagtatgaa gaccactagt tcaatggacc ctaatgacat gatgagagaa atccgaaaag 1260
tgttagatgc aaataactgt gattatgagc aaaaagagag atttttgctt ttctgtgtcc 1320
atggagacgc tagacaggat agcctcgtgc agtgggagat ggaagtctgc aagttgccac 1380
gactgtcact taatgggggt cgcttcaagn aattatctgg gacattattg ctttaagaac 1440
att 1443
```

04-67-276-01-0000

```
<210> 838
<211> 1050
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(1051)
<223> n = a,t,c or g
```

<400>	838						
ctgcaggctt	tccgcaacgc	cagcgaggtg	cccatggtgc	ttgtgggcac	gcaggatgcc		60
atcagcgctg	cgaaatcccc	gggtttatcg	acgaacaagc	agagcccgca	agctctccac		120
agatctgaaa	gcggtgcacc	taattatgaa	gacgtgcggc	ggaacttacg	ggcttcaaat		180
gtggagcgtg	tctttccagg	acgtggccca	gaaggtagtg	gccttgctga	aagaagcagc		240

```

aaactggcca tcggggccctg caaagtcact gcccaacttc gcccagccac ttcggccgtg 300
tccgcccgcct ccatcccggc ccggtgcanca atcaaccagg gccacgaatg ggcggcggca 360
gcgccttcag cgactacttc gtcctcagtc ccctccaccc ccagcatcag ccagcgggag 420
ctgcgcatcg agaccatcgc tgcctcctcc acccccacac ccatccgaaa gcagtccaag 480
cggcgctcca acatcttcac gtctcgggaag ggtgctgacc ctggaccggg agaagaaggc 540
tgccgggtgc aaggtggaca gcatcgggag cggccgcgcc atcccatca agcaggggat 600
cctgctaaaag cggagcggca agtcctgaa caaggagtgg aagaagaagt atgtgacgct 660
ctgtgacaac gggctgctca cctatcaccc cagcctgcat gattacatgc agaacatcca 720
cggcaaggag attgacctgc tgcggacaac ggtgaaagtg ccagggaagc gcctgccccg 780
agccacacct gccacagccc cgggcaccag ccccggtgcc aacgggctgt ccgtggagcg 840
gagtaacaca cagctgggtg ggggcacagg tgccccccac tcggccagca gcgcattcct 900
gcactctgag cgccccctca gcagctcggc ctgggctggc ccgcgccctg aggggctgca 960
ccagcgctcc tgctccgttt ccagcggcga ccagtggagt gaggccacca cttccctgcc 1020
cccagggcatg cagcaccctg ccagtggccc 1050

```

```

<210> 839
<211> 672
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (53)...(674)
<223> similar to gill196433 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 839
catcccatgc tcacgaatta atattaattc attaatatta ctatatagaa tattgggtag 60
aattaatatt gtgaaaatga ccatacagcc aatagcaatc tacaaattca atgcaattcc 120
catcaaaata ccaccatcat tcttcacaga acttaaaaaa aaatcctaaa attcatacag 180
aaccaaaaga gagcccatc agccaaagca agactatgca aaaagaacaa atctgggaaa 240
cttcacatta cccgatttca aactatatta taaagtcacc aaaacagcat ggtactggta 300
taaaaacagg cacacagatc attggagtag aatagaaaac ccagaaataa agccaaatgc 360
ttacagtcaa ctgatcttta acaaagcaaa caaaaacata aagtggagaa aggacaccct 420
attcaacaaa tgggtgctggg ataattggca agccacatgt agaagaatga aactggatcc 480
tcatctctca ccttatacaa aaatcaactc aagatggatc aaagacttaa atctaaccacc 540
cataaagatt ctagaagata atattagaaa aacccttcta aacattggcc taggcaaaga 600
cttcatgacc aagaacccaa aagcaaatgc aacaaaaaca agaataaata gatgggactt 660
aattaaacta ca 672

```

```

<210> 840
<211> 1469
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc\_feature  
 <222> (1)...(1471)  
 <223> similar to gi3002588 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 840

ctgactgtga	tccgaagagt	ggatgaaaac	tgggctgaag	gaatgctggc	agacaaaata	60
ggaatatttc	caatttcata	tgttgagttt	aactcggctg	ctaagcagct	gatagaatgg	120
gataagcctc	ctgtgccagg	agttgatgct	ggagaatggt	cctcggcagc	agcccagagc	180
agcactgccc	caaagcactc	cgacaccaag	aagaacacca	aaaagcggca	ctccttcact	240
tccctcacta	tggccaacaa	gtcctcccag	gcatcccaga	accgccactc	catggagatc	300
agccccctg	tcctcatcag	ctccagcaac	cccactgctg	ctgcacggat	caacgagctg	360
tctgggctct	cctgcagtgc	cccttctcag	gttcatataa	gtaccaccgg	gttaattgtg	420
accccgcccc	caagcagccc	agtgacaact	ggccccctgt	ttactttccc	atcagatgtt	480
ccctaccaag	ctgcccttgg	aactttgaat	cctcctcttc	caccaccccc	tctcctggct	540
gccactgtcc	ttgcctccac	accaccaggc	gccaccgccg	ctgctgctgc	tgctggaatg	600
ggaccgaggc	ccatggcagg	atccactgac	cagattgcac	atttacggcc	gcagactcgc	660
cccagtgtgt	atgttgctat	atatccatac	actcctcgga	aagaggatga	actagagctg	720
agaaaagggg	agatgttttt	agtgtttgag	cgctgccagg	atggctgggt	caaagggaca	780
tccatgcata	ccagcaagat	aggggttttc	cctggcaatt	atgtggcacc	agtcacaagg	840
gcggtgacaa	atgcttccca	agctaaagtc	cctatgtcta	cagctggcca	gacaagtcgg	900
ggagtgacca	tggtcagtcc	ttccacggca	ggagggcctg	cccagaagct	ccagggaaat	960
ggcgtggctg	ggagtcccag	tgttgtcccc	gcagctgtgg	tatcagcagc	tcacatccag	1020
acaagtcctc	aggctaaggt	cttgttgcac	atgacggggc	aaatgacagt	caaccaggcc	1080
cgcaatgctg	tgaggacagt	tgcagcgcac	aaccagggaa	cgccccacgg	cagcagtgc	1140
acccatccag	gtacagaatg	ccgcccggcct	cagccctgca	tctgtgggcc	tgtcccatca	1200
ctcgtgtggc	tcccacaac	ctgcgcctct	gatgccaggc	tcagccacgc	acactgctgc	1260
catcagtatc	agtcgagcca	gtgcccctct	ggcctgtgca	gcagctgctc	cactgacttc	1320
cccaagcatc	accagtgtct	ctctggaggc	tgagcccagt	ggccggatag	tgaccgttct	1380
ccctggactc	cccacatctc	ctgacagtgc	ttcatcagct	tgtggaaca	gttcagcaac	1440
caaaccagac	aaggatagca	aaaaaaaaa				1469

<210> 841  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(412)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (105)...(411)  
 <223> similar to gil236955 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



```

<400> 843
taaacaggta ccatacaaga aggccagaag tgcacctcct ttacttataaa ggaaacccca    60
gagtggatta tatgcgtcag ttaggagctc aggctatggc aaacccagtt caccactcaa    120
gatgttttct actcttgaaa agaaaaacttc agaggacatt ataaaaagca aaaacttgag    180
atcgatttct acctccaatc aacctaggaa aaaaggattc cttaggatac tgtggtgaga    240
acaaggagaa gaaattactt atgtttataaa gagttcagga agcagaggat aaatggaggg    300
gtgcgcaagc cctaattgag caaattaaaag ccacattctc agaaaaggag aaagaactag    360
aaaataagtt ggaagaacta aagaaacaac aggaaaaaga actcttcaaa ttgaat      416

```

```

<210> 844
<211> 1559
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc feature
<222> (377)...(1556)
<223> similar to gil339910 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 844
cactgctggg atacttaggg gtagggctgg aagcatgtca ttatacacta tcttttgtaa    60
tcgattttat gtctgcatgt cttgttttcc cagagaaaagt gcaaacctct ctcagggcag    120
gttttgatg ttcttttgca tcttccacag aactgagcac aaaaaggat ttcagttaata    180
cttcttagaa aaataaaagc cagggtgtagc agcccaggct ccagccaagc aggggagctg    240
tttctgttag agttaaggaa caaaattttg ttttgctatt tacctgagct caacaggatc    300
aaatacaagt ttgacatcat taattatgct aggaagggtac ttcaaagctg cccctgttaa    360
gaaaaacacc aaaggcaaat tcattcaaag cattcctgac aaccagctgg ttcggcagaa    420
acttaactgc atgaccaaga tagtagagag cactcttttt cgacagtcag agtgcagaga    480
agtgtgctg ccactgctga cggaccagct cagcggccag ttagatgaca actccaacaa    540
gctgaccac gaggcaagct cgcagcttct gagcaacatc ctggagggtg tggacaggaa    600
ggatgtgggt gccactgctg tgcacattca gcttataatg gaacggctgc ttgagaagga    660
tcaaccggac agtgattggg atgaaccggc agtctcccca catcgggag tttgtggctt    720
gcatgattgc cctgctgcag caaatggacg acagccacta tagccactac atcagcactt    780
tcaaaaccag acaagacatc atcgacttcc tcatggaaac ttttatcatg ttcaaggacc    840
tgattggaaa gaatgtctat gccaaagatt ggatgggtgat gaatatgact caaaacaggg    900
tttttctccg tgctataaat cggtttgctg aagttctcac aagattcttc atggatcagg    960
caagctttga acttcagctc tggaaacaatt acttccattt ggcagttgca tttctcacc    1020
atgagtccct tcagcttgaa accttctcac aagccaagcg caacaaaatt gttaaaaaat    1080
atggggacat gagaaaggaa atcggcttta gaatccggga catgtggtat aacctgggtc    1140
cccacagaat caaattcatc ccatccatgg tgggtcccat tctggaggtc actctgaccc    1200
ctgaagtaga gctccgaaa gccacaatcc ccattttctt tgatatgatg cagtgtgagt    1260
tcaatttcag tggaaatggc aatttccata tgtttgagaa tgagctgatc acaaagctgg    1320
accaggaggt agaagggggc agaggagacg aacaatacaa ggttcttctg gaaaaactgc    1380
tcctagaaca ttgccgaaa cacaataacc tctccagctc tggggagggtc ttcgccctcc    1440
tggtcagcag cctcttagag aacctgctgg actatagaac catcatcatg caagatgaga    1500

```



gcaaggagaa ccgtatgagc tgcactgtga acgtgctgaa cttttataaa aaaaaaaaaa 1559

<210> 845  
<211> 587  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(588)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (3)...(587)  
<223> similar to gil0963 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 845  
tgcttgtaaa taagtccatg cccacagtga ctcagattcc tttggaagga agtaatgtac 60  
cacagcaacc acagtacaaa gatgtaccca taacctacaa aggagcaaca gactcatata 120  
ttgaaaaagt gatgatatct tcaaattgctg aagatgcttt tctgatcaaa atgctgctga 180  
gacagacaag gcgtccagaa attggagaca aattcagcag tcgtcatggg caaaaagggtg 240  
tttgtggctt gatcgtcccc caggaagaca tgccattttg tgattctggc atctgtccgg 300  
acatcatcat gaacccacac ggcttcccat cacgaatgac ggtggggaag ctcatgagc 360  
tgctggctgg caaggccggt gtgctggacg gcagattcca ctacggcact gcgtttggag 420  
gcagtaaaagt gaaggatgtg tgtgaggacc tcgttcgcca tggttataac tacttgggga 480  
aagactatgt tacatccggc atcacagggt agccctttag aagcatacat ctaattttgg 540  
ccccgtgtac ctatcagnag ctgaacacat ggtgcctaga taaaatg 587

<210> 846  
<211> 411  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (125)...(411)  
<223> similar to gi3882341 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 846  
cccacgcgtc cggtgtaatt gagtttccca gtttctacag actgccattg ctatgcacgg 60

```

ctgagatgga cagagtttgc ttgggaatcc gccacactca ctgcctgtca ccacacctgc 120
aggcgacgac tgtaaggga agaggcacct cgacgcgcac acagccgccc actcgagtc 180
gccacggctg cccggtcggg cagggaccct ctggcacatc tgggcatgtg caggttgtct 240
ctcgccccgt ctccgtctca tctcgccctg tcaccatgct atttgtgtct tgtgtggttt 300
gtgcttggaa ttcaagtgtc ttaaagtctt gctgtaaaaa ctgacaggaa tagtattaac 360
tttggtttaa aacagggtga atctctctcg aaaagcttcc tttggaaatt t 411

```

```

<210> 847
<211> 682
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (91)...(684)
<223> similar to gi3757820 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 847
ggcacgagtc acatctgtgt tgtcataagg atcaaatgag agcatatgtc ttttatcttt 60
catttacagc tgcgagcaag tcacaccagc ctacaagcca gatataatga agccaagaaa 120
acgctgacag agctgaagac ttacagtgag aaactggaca aagagcaagc agccctcgag 180
aagatagaat ccaaagctga tccaagtatc ctacagaacc tgagagcact tgtagccatg 240
aatgaaaatc tgaaaagtca agaacaggaa tttaaagcac attgtcgaga ggagatgaca 300
cgactacagc aagaaattga aaacctgaaa gctgagagag caccacgtgg agatgaaaag 360
accctctcca gtggagagcc gcctgggtacc ttgacctctg caatgactca tgacgaagac 420
ctagacagac ggtataatat ggagaaagag aaactttaca agatacgttt actacaggct 480
cgaagaaatc gagaaatagc aattttgcac cgcaagattg atgaagtccc tagccgtgcc 540
gagctaatac agtatcagaa gagatttatt gaactctacc gccagagtag tttcagcagt 600
gcacaaagaa accaagcagt tcttcacttt atataatacc ctggatgata aaaaggttta 660
tttggaaaaa gagattagtc tg 682

```

```

<210> 848
<211> 389
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (155)...(390)
<223> similar to gil050752 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (8)...(545)

<223> similar to gi469478 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 850

gcttcccatc	cccaaaaggc	gccctccgac	tccttgcgcc	gcactgctcg	ccgggccagt	60
ccggaaaacgg	gtcgtggagc	tccgcaccac	tcccgtctgt	tcccgaaggc	agatcccttc	120
tcccgagagt	tgcgagaaac	tttcccttgt	ccccgacgct	gcagcggctc	gggtaccgtg	180
gcagccgcag	gtttctgaac	cccgggccac	gctccccgcg	cctcggtctc	gcgctcgtgt	240
agatcggttc	ctctctggtt	gcacgctggg	gatccccgac	ctcgattctg	cgggcgagat	300
gccctggga	cacatcatga	ggctggacct	ggagaaaatt	gccctggagt	acatcggtcc	360
ctgtctgcac	gaggtgggct	tctgctacct	ggacaacttc	ctgggcgagg	tgggtggcga	420
ctgcgtcctg	gagcgcgtca	agcagctgca	ctgcaccggg	gccctgcggg	acggccagct	480
ggcggggccg	cgcgccggcg	tctccaagcg	acacctgcgg	ngcgaccaga	tcacgtggat	540
cgggg						545

<210> 851

<211> 1209

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1210)...(0)

<223> similar to gi5824570 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 851

tttttttttt	ttccgattgg	tgctgggagt	tgtcaccaca	ttggcccttt	ttttcccaaa	60
cacatttgtg	aatgttgacg	atgttgacag	gattccaatc	gtagtggtgg	tggttgcact	120
aggaggttct	atgggaactt	cttgctccac	atcttcatca	ttctcctctt	catcttcatc	180
ctctggtagt	tccgaattct	ccttaggttt	gttttcttca	tcttcttctt	gtttcctttt	240
ctgttcctct	tttttctttt	ttctcttttc	ttttcttttt	tctcttttag	cagcaagagc	300
ctgctttctg	ctctcttctc	ttgacttttc	cagatcaagt	tcctttaaaa	gaataactcg	360
attcttattt	gcttctgcag	cttgctgggc	tttagccttc	acaatgggtt	cgacacattg	420
atgacatttt	ttcaacagtt	ccttatctgt	aattgttgct	atgtatctca	tgcatcttat	480
atcagaaggg	aactgattta	cttcctttac	caaataattg	acaactttta	catgaccctt	540
gcgaaatgct	gacataagag	gtgtgatttt	ccggttatct	gctgcatcca	catcagcacc	600
tgcttgact	agcaactgca	caacatcaaa	atgacctcca	ttggatgcca	gccaaagtgg	660
cgtatttccc	tttttgttac	gaacatcaat	gtgggctccc	ctatgaatca	ggagttcaca	720
aaattttag	tgacctttgt	ctgctgctat	tgtaaagca	gtatctcttg	aggaaggcac	780
agggggagca	ttaacatctg	ctcctttatc	aagaagaact	cttccaacct	ctgcataccc	840
tccagaagct	gcttccatca	agggggtaag	acccgtcttt	gccctatggt	caacattggc	900

ttttcgggtcc	agaagcaaac	tcactacttc	tgctcggccc	tggaaacagg	ccaggggtgag	960
agccgtgttc	cgatttgtct	ctattttggc	attaatgtct	gaacccatat	cgagcagcaa	1020
ttttactgca	ggaacatgtc	cattcattgc	agccaacatc	aggggagaaa	tacctagttt	1080
actcccagtc	cttgaattaa	tttctgcccc	agcattaagc	agaatcttaa	tgatattaac	1140
atatcctcca	gacgcagcta	gactcagtgg	tgtataatca	gatacgttcc	tatgttcttt	1200
atttgcacc						1209

<210> 852  
 <211> 1553  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (100)...(1555)  
 <223> similar to gil019441 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 852	
tttcgtgttt	tgaagaaggc
atcctgcacc	tgccacacca
attgaagggtg	gaggaacaaa
ttccacccat	tactaagatt
aaacagtgtc	ctcttcgaga
gtcttggtctg	agatcaacaa
attctggcca	acgcagacac
acaatcattg	tggagaagac
tattcagatc	aattcctcaa
actgcagctt	acaggggtat
gcaaaagatg	atgatatcag
caacccaaac	agctgaggcc
ggcaaggagt	ctgaagttct
atccttcgtg	acgtcagtga
ttggcaagtc	gaacaaaagtc
gctcaagaca	gccacacgaa
ctcagtgaac	ttgccaaatc
atctgggaag	tgaggggttca
ctatggccat	tgtgggttaa
caacaaagat	atcagcgcca
ccagtatatc	ttcgaaggcc
gtacttcagg	cgcacagtgc
tcagcagaat	ttgaccaaca
gtactacgag	atgctttaca
tgtgaagtac	acggagctgg
tgggggtggg	gaactgacca
ctccagaaca	tctctggggc
gctggtcacc	aattttacag
atttgtctgc	aaacctggag
tattcaggag	attgagcatg
gtttctcacc	gtgtacatca
ggagtcacta	aaacatctga
ctggtcacta	aaacatctga
ctgggagtgc	agcggcctct
ctcctgaacc	tgatgcatga
ctcctgaacc	tgatgcatga
gtaaaagctcc	aggagtacaa
aggagtacaa	ggacacctgc
gaagaaaaaac	ttgtcatcag
aaatctctac	caaactggat
gaggaagaag	atttcataag
ctgggtgata	aattaatccc
tgcatgaaag	cctggaatgg
aatctttcta	catcccagat
cccccagtgt	cagagcagat
tatgggctga	ccgctgcttg
tatccttatcc	ctcttggtgca
tatggattat	gaccccctgg
gatctcctgc	atcctcatta
caagaaaatg	tgtaggaaca
cggggaggca	gacctggact
acacagctga	aacctggtgg
cgactctgacc	ctgctgcacc
gaggctgcag	aggctcaaag
aggctcaaag	agg



<210> 855  
 <211> 583  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(584)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2)...(583)  
 <223> similar to gi2293562 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 855  
 tgcccaagct cttgacattg gccctgccgg tccactgatg ggtggtgtcc agtataggag 60  
 acaaccctgc tactcacttt aacctcaaga cacacacgaa ttctcgagat ctgaagacag 120  
 ccatagagaa aattactcag agaggaggac tttctaattgt aggtcggggcc atctcctttg 180  
 tgaccaagaa cttcttttcc aaagccaatg gaaacagaag cgggggtccc aatgtggtgg 240  
 tggatgatgg ggatggctgg ccacacggaca aagtggagga ggcttcaaga cttgcgagag 300  
 agtcaggaat caacattttc ttcattacca ttgaagggtgc tgctgaaaat gagaagcagt 360  
 atgtggtgga gcccaacttt gcaaacaagg ccgtgtgcag aacaaacggc ttctactcgc 420  
 tccacgtgca gagctgggtt ggcctccaca agaccctgca gcctctggtg aagcgggtct 480  
 gcgacactga ccgcctggcc tgcagcaaga cctgcttgaa ctgggctgac attggcttcg 540  
 tcatcgacgg ctccagcagt ntggggacgg gcaacttccg cac 583

<210> 856  
 <211> 2102  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (42)...(2102)  
 <223> similar to gi4958922 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 856  
 gggcggaggc gcaggccatg ctgcggctgg tgcccaccgg ggcccggggc atcgtggaca 60  
 tgctgtacgc ccgccacttc ctggacttcc agggctccgc cattcccca gcatgcaga 120  
 agctggtggt gaccggctg agccccaact tccgcgaggc cgtcaccttg agccgggact 180  
 gcccggtgcc gctccccggg gacggagacc tcctcgtccg gaaccgattt gttggtgtta 240

atgcatctga	catcaactat	tcagcaggcc	gctatgaccc	ctcagttaag	cctccctttg	300
acatagggtt	cgaaggcatt	ggggagggtg	tggccctagg	cctctctgct	agtgccagat	360
acacagttgg	ccaagctgtg	gcttacatgg	cacctgggtc	ttttgctgag	tacacagttg	420
tgcctgccag	cattgcaact	ccagtgccct	cagtgaacc	cgagtatctt	accctgctgg	480
taagtggcac	caccgcatac	atcagcctga	aagagctcgg	aggactgtcg	gaagggaaaa	540
aagtttttgt	gacagcagca	gctgggggaa	cgggccagtt	tgccatgcag	ctttcaaaga	600
aggcaaagtg	ccatgtaatt	ggaacctgct	cttctgatga	aaagtctgct	tttctgaaat	660
ctcttggtcg	tgatcgtcct	atcaactata	aaactgaacc	cgtaggtacc	gtccttaagc	720
aggagtaccc	tgaagggtgc	gatgtggtct	atgaatctgt	tgggggagcc	atgtttgact	780
tggctgtaga	cgccctggct	acgaaagggc	gcttgatagt	aataggggtt	atctctggct	840
accaaactcc	tactggcctt	tcgcctgtga	aagcaggaac	attgccagcc	aaactgctca	900
agaaatctgc	cagcgtacag	ggcttcttcc	tgaaccatta	cctttctaag	tatcaagcag	960
ccatgagcca	cttgctcgag	atgtgtgtga	gcggagacct	ggtttgtgag	gtggaccttg	1020
gagatctgtc	ttccagaggg	caggtttact	ggcctgggag	tccatattcc	gtgctgtcaa	1080
ttatatgtac	atggggaaaa	aacactggga	aaaattgtag	ttggaattac	ctcactctgt	1140
tcaacagtaa	gctgttaaaa	acagaacaat	gacataaatc	aaggagagaa	gaaaatgggc	1200
actttatgtc	tcagaattac	tcaaataaat	ttattttttag	ttggtaatgg	atataatatt	1260
tcttaaaaca	aaagtaaggt	gttaatgaat	aggtctctcc	ttctcctcct	cctcctcctc	1320
ttcccttggg	ggaaaaaaaa	aatgggctaa	taaaacttcc	ctccatggct	aaaagggaaa	1380
acgcttacat	tcaattcttt	agtcatggat	ggtctcggtc	cagatgttat	tgttccaggg	1440
aactaaattc	attcctgatg	ccagatctga	tcgagtcagt	atgtcttcag	cttgatcaga	1500
ttttaaaatc	agttttgaaa	ggggttccc	acttctttgc	tttgggagaa	tttgggtctta	1560
tgctcataag	cagttcatga	gtgacaagt	tagcaaaagc	cagccatata	ttttcagaat	1620
ctatatcctc	aggaaatggt	cctttttttt	tctataaatc	accaaccaac	tatctaaatg	1680
gacatttggg	ggaattccct	cccaaatttg	attttgttat	tagaaaaatg	attccgtgaa	1740
cacagatgtg	ttttgaagaa	gtagcacgta	atggctttta	tctaccatca	acctgataag	1800
gcacatgtga	aatggaaaatg	ttctctttcc	tctgaagcag	caaattaatg	ttgaaaactt	1860
acatagacag	aaagtaggtt	ttggaaaagg	aaaccacaga	gattaggggg	acttaaaaatt	1920
aatataggca	caggaaagag	aaaagtgtgc	gctccattct	cagtgggggt	tcaccacaaa	1980
acacgggccc	caggagggaa	gcgctgtcta	ggcacacggc	aaggccttag	taacagcatg	2040
ctacactgct	cgaggtacgg	tatgtcccat	cgccctgtgc	accgtagaga	cctcagtcac	2100
ct						2102

<210> 857

<211> 381

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (7)...(380)

<223> similar to gi802035 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 857

cccacgcgtc	cgcttttcggc	ttctgcatgt	caccagcatc	aggagtgcct	ggatcctctg	60
tgggatcata	tggatcctta	tcatggcttc	ctcaataatg	ctcctggaca	gtggctctga	120
gcagaacggc	agtgtcacat	catgcttaga	gctgaatctc	tataaaattg	ctaagctgca	180
gaccgtgaac	tatattgcct	tgggtggtgg	ctgcctgctg	ccatttttca	cactcagcat	240
ctgttatctg	ctgatcattc	gggttctgtt	aaaagtggag	gtcccagaat	cggggctgcg	300



```

ggttttctcac aggaaggcac tgaccaccat catcatcacc ttgatcatct tcttcttgtg 360
tttcctgccc tatcacacac t 381

```

```

<210> 858
<211> 875
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (71)...(866)
<223> similar to gil469199 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

09469199 "E1E100
<400> 858
catcactctg gattttgatg gtgatgacct cctagaaaca ggtaaaaatg tgaaaattac 60
agattctgaa gcaagtaagc caaaagatgg gcaggacgcc attgcacaga gcccgagaa 120
ggaaagcaag gattatgaga tgaatgcgaa ccataaagat ggtaagaagg aagactgcgt 180
gaagggtgac cctgtcgaga aggaagccag agaaagttct aagaaagcag aatctggaga 240
caaagaaaag gatactttga agaaagggcc ctcgtctact ggggcctctg gtcaagcaaa 300
gagctcttca aaggaatcta aagacagcaa gacatcatct aaagatgaca aaggaagtac 360
aagtagtact agtggtagca gtggaagctc aactaaaaat atctgggtta gtggactttc 420
atctaatacc aaagctgctg atttgaagaa cctctttggc aaatatggaa aggttctgag 480
tgcaaaaggt agttacaaat gctcgaagtt ctggggcaaa atgctatggc attgtaacta 540
tgtcttcaag cacagagggtg tccagggtgta ttgcacatct tcatcgact gagctgcatg 600
gacagctgat ttctgttgaa aaagtaaaaag gtgatccctc taagaaagaa atgaagaaag 660
aaaatgatga aaagagtagt tcaagaagtt ctggagataa aaaaaatacg agtgatagaa 720
gtagcaagac acaagcctct gtcaaaaaag aagagaaaag atcgtctgag aaatctgaaa 780
aaaaagaaaag caaggatact aagaaaatag aaggtaaaaga tgagaagaat gataatggag 840
caagtggcca aacatcagaa tcgattaaaa aaagt 875

```

```

<210> 859
<211> 409
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(410)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (176)...(409)
<223> similar to gi8268 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 859
cggacgcgtg ggcattgggtg agggacccac caccgctg cactgtgcat tgtgcctccc 60
gtgtggacgc cctctctgtt gttggcccg cggtagaggga cccaccaccc cgctgcactg 120
tgcatgtgtc ctcccggtg gacgccctct ctgttgttg cccgcgggtg agggacccac 180
caccgctg cactgtgcat tgtgcctccc gtgtggacgc cctctctgtt gttggcccg 240
gggtgaggga cccaccaccc ctagggaccc accaccccg cgcactgtgc attctgcctc 300
ctgtgtggac gccctctctg ttgtcagtg ctttgagggtg tcagtgtcta cttagatgct 360
ggtttaatgc tggaccatt tgtaaacgc accttcactt tgtcaaaan 409

```

```

<210> 860
<211> 2627
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2627)
<223> similar to gil429314 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 860
gcaatgcgaa ctttctgtga gtcagcaaaa caagaccgac tgaagctcca aaatgaactg 60
gcacacaaaag tggcagaatg caaagcttta gcattagaat gtgaaagggt caaggaggat 120
tcagatgaac agataaagca attagaagat gcattaaaag atgtgcagaa gaggatgtat 180
gagtcagaag gtaaagttaa acaaatgcag acccattttc ttgcccttaa agaacactta 240
acaagtgaag cagcctcagg gaatcacaga ctaaccgagg aactgaagga tcagttgaaa 300
gacttgaaag taaaatatga aggtgcttca gcagaagtgg ggaaattaag aaaccaaactc 360
aaacaaaatg agatgatagt agaagagttt aagagggatg aaggcaagct gatagaagaa 420
aataagcgat tacagaagga acttagtatg tgtgaaatgg agcgagagaa gaaaggaaga 480
aaggtcacag agatggaagg ccaggcaaaa gaattgtcag cgaagttggc cctttccatt 540
ccagctgaaa aatttgaaaa catgaagagc tcattatcaa atgaagtga tgagaaagca 600
aaaaaattag tagaaatgga aagagaacat gaaaaatcac ttagtgaaat tagacagtta 660
aagagagAAC ttgagaatgt taaggccaag cttgctcagc acgtcaaacc agaggaacat 720
gaacaggtta agagcagatt agaacagaaa tcaggagaac ttgggaagaa gatcactgag 780
ttaacattga aaatcagac actacaaaag gaaattgaaa aagtttattt ggataataag 840
ctcctcaagg agcaagcaca taacttaaca attgaaatga aaatcatta tgttccttta 900
aaagtaagtg aagacatgaa aaagtcacat gatgcaatta ttgatgatct taatagaaag 960
cttttagatg taacacaaaa atatacagaa aagaagttgg aaatggagaa attgctactg 1020
gaaaatgaca gcttaagtaa ggatgtaagc cgctagaaa ctgtgtttgt acctcctgag 1080
aaacatgaaa aagagataat agctctgaaa tccaatattg ttgaacttaa gaaacagctg 1140
tctgaactta agaaaaaatg tggtagaagc caggagaaaa tacacgctct cacatctgaa 1200
aacactaact tgaagaagat gatgagtaat cagtatgtgc cagttaaaac ccatgaagag 1260
gttaaaatga cactgaatga cacgttagcc aaaactaaca gagaattatt agatgtgaag 1320
aaaaaatttg aagatataaa tcaggaattt gtaaaaataa aagataagaa tgaaatatta 1380
aaaagaaacc tggaaaacac tcagaaccaa ataaaagctg agtacatcag cctggcagag 1440
cacgaggcaa agatgagctc gctaagtcag agcatgagaa aggtgcagga tagtaatgct 1500

```

gaaatcttgg	ccaactacag	aaaaggccaa	gaagagattg	tgacactgca	tgccgaaatt	1560
aaagcccaga	agaaggagct	cgacacaata	caagaatgca	ttaaggtaaa	atacgcccca	1620
attgtcagct	ttgaggagt	cgagagaaaa	tttaaagcaa	cagagaaaga	actaaaagac	1680
cagttatcag	agcagacaca	aaagtatagt	gtcagtgaag	aagaagtcaa	gaaaaacaag	1740
caagagaatg	acaagttaaa	gaaggagatt	tttacccttc	agaaagattt	gagagataag	1800
acagttctca	ttgagaagtc	tcatgaaatg	gaaagagcat	taagcagaaa	aacagacgag	1860
ctaaacaaac	agttaaaaaga	cttgtcacag	aaatacacgg	aagtaaagaa	tgtgaaagag	1920
aagctagtag	aagaaaaatgc	caaacagact	tctgagatac	ttgcagtgca	aaatcttttg	1980
caaaaacaac	atgttccatt	ggaacagggt	gaggctctga	aaaaatctct	taatggcaca	2040
attgaaaatc	taaaggaaga	actgaagagt	atgcaaaggt	gttacgagaa	agagcagcag	2100
acagtgacca	aactgcatca	attgttggag	aatcaaaaga	actcttctgt	acccctggca	2160
gagcatttgc	agattaaaga	agcatttgag	aaagaagttg	gaatcataaa	agccagcttg	2220
agagaaaaag	aagaagaaag	ccaaaacaaa	atggaagaag	tctccaaact	tcagtcggag	2280
gttcagaata	ctaaacaagc	attaaaaaaa	ttagagacta	gagaggtagt	tgacttgtct	2340
aaatataaag	caacaaaaag	tgatttggag	acacagattt	ctagcttaaa	tgaaaaattg	2400
gccaatctga	atagaaagta	tgaggaaagta	tgtgaggaag	ttttgcatgc	caaaaagaag	2460
gaaatatctg	caaaagatga	gaaggaatta	ctgcatttca	gcattgagca	agaaattaag	2520
gatcagaagg	aacgatgtga	taagtcctta	acaacaatca	cagagttaca	aagaagaata	2580
caagaatctg	ctaaacaaat	agaagcaaaa	gataataaga	taactgg		2627

```

<210> 861
<211> 1086
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(1086)
<223> similar to gi3954978 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 861						
ctatgggcta	atgaagctgg	tgctgcccag	tgccctgcct	gctgagctgg	cccgcgtcat	60
tgtcctggac	acggatgtca	ccttcgcctc	tgacatctcg	gagctctggg	ccctctttgc	120
tcacttttct	gacacgcatg	cgatcgggtct	tgtggagaac	cagagtgact	ggtgacctgg	180
gcaacctctg	gaagaaccac	atgccctggc	ctgccttggg	ccgggggattt	aacacaggcg	240
tgatcctgct	gcggtctggac	cgactccggc	aggtctggctg	ggagcagatg	tggaggctga	300
cagccaagcg	ggagctcctt	agcctgcctg	ccacctcact	ggctgaccag	gacatcttca	360
acgctgtgat	caaggagcac	ccggggctag	tgcagcgtct	gccttgtgtc	tggaatgtgc	420
agctgtcaga	tcacacactg	gccgagcgct	gctactctga	ggcgtctgac	ctcaaggtga	480
tccactggaa	ctcaccaaag	aagcttcggg	tgaagaacaa	gcatgtggaa	ttcttccgca	540
atttctacct	gaccttcctg	gagtacgatg	ggaacctgct	gcggagagag	ctcttttgtgt	600
gccccagcca	gccccacact	ggtgtctgagc	agttgcagca	ggccctggca	caactggacg	660
aggaagaccc	ctgctttttag	ttccggcagc	agcagctcac	tgtgcaccgt	gtgcatgtca	720
ctttcctgcc	ccatgaaccg	ccaccccccc	ggcctcacga	tgtaaccctt	gtggccccagc	780
tgtccatgga	ccggtctcag	atgttggaaag	ccctgtgcag	gcactggcct	ggccccatga	840
gcctggcctt	gtacctgaca	gacgcagaag	ctcagcagtt	cctgcatttc	gtcgaggcct	900
caccagtgtc	tgctgcccgg	caggacgtgg	cctaccatgt	ggtgtaccgt	gagggggcccc	960
tataccccgt	caaccagctt	cgcaacgtgg	ccttggccca	ggccctcacg	ccttacgtct	1020
tcctcagtga	cattgacttc	ctgcctgcct	attctctcta	cgactacctc	aaggcctcca	1080

<210> 862  
 <211> 1908  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (102)...(787)  
 <223> similar to gi5734747 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 862  
 actcggcagc ggaccaagat ggcggcgccc tgtgagggac aagcgtttgc cgtagggggtt 60  
 gaaaagaatt ggggtgcagt agttcgctcc ccagaaggga cccccagaa aatccggcag 120  
 ctgatagatg aggggattgc cccggaagag ggagggcgtg acgcgaagga cacgtctgcc 180  
 acatcccagt cagttaatgg atcaccccaa gcggaacaac cttcattgga atctacaagc 240  
 aaagaagcct tcttttagcag agtggaaca ttttcttctt tgaaatgggc aggtaagccc 300  
 tttgagctgt ctccactcgt ctgtgcaaaa tatggctggg tcacagtgga atgtgatatg 360  
 ctcaagtgtc ctagtgtgca agcttttctc tgtgccagtt tacaaccagc ttttgacttt 420  
 gacagatata agcaacgatg tgctgagctg aagaaagcct tgtgtactgc ccatgagaag 480  
 ttctgtttct ggccagacag cccatcccca gaccgatttg ggatgttgcc cctggatgag 540  
 cctgctattc ttgttagtga attcctagat cgttttcaaa gcctttgtca cttggacctc 600  
 cagcttcctt ccctaaggcc ggaggacttg aaaactatgt gcttgacaga agacaagatc 660  
 agtcttctcc tacacttgct tgaagatgaa cttgatcacc gaactgatga gagaaaaact 720  
 acaatcaaat taggtcaga catccaagtc cacgtcactg cctgtattct ctctgtgtgt 780  
 ggctgggcgt gtagttcttc tttggaatcc atgcagctct ccctgatagc atgttcgcaa 840  
 tgtatgagga aggtggggct ctggggcttc cagcagattg aatcgccat gactgacctg 900  
 gatgcacctt ttggcctgac cagctcccca atccaggcc ttgaggggag accagagcgc 960  
 ttacctctgg tgccctgaatc tctcggagg atgatgacct ggagccagga tgccactttc 1020  
 tccccaggct cagagcaggc tgaaaagagc cctgggtccca ttgtctctcg aactcggagc 1080  
 tgggactctt ccagtcctgt tgaccgtcct gagccagagg ctgctagccc caccaccaga 1140  
 actcgcccag tgacccgaag catgggaaca ggagacaccc ctggcctgga ggtaccatct 1200  
 agccctctgc ggaaagccaa gcgagctcgc ctctgtcct ccagcagttc ggacacatct 1260  
 tcccgaagct tctttgatcc cacctctcag catagagact ggtgcccttg ggtgaatatc 1320  
 acacttggca aagaaagcag ggagaatggt ggaactgaac cagatgccag cgccccagca 1380  
 gagccaggct ggaaagcagt gctgaccatc ctcttggcgc acaaacagtc tagccagcca 1440  
 gctgaaacgg actccatgag tctctctgag aaatcaagga aagtattccg aatatttcgg 1500  
 cagtgggaat ctctgtgctc atgctgaaga tactccagcg ccttcctgga gatagctgga 1560  
 atgagagtga ctttttgaaa aattaaggct gagttccttt cggtcagctg acactaagtt 1620  
 tttcctgttc tgggttaatc ataaggagcc ccctgccata gcaaaggcag tgagtgtcaa 1680  
 ctatctgcat ctggctgaga gagaccggtt tcctttcagg gatgtggaca gggtaagggc 1740  
 agcaagcatg gttctgttaa aggagtgtgg ggtaacaga ctagaaggaa gactaaggac 1800  
 ctgaccaccc atttcagcat cttcaatgtg gagcagtggt ctgaggactc ttctatccta 1860  
 ggactatgac agtgtgtatt aataaaatat ttgctaagaa aaaaaaaa 1908

<210> 863  
 <211> 473  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (25)...(475)  
 <223> similar to gi30076 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 863  
 attcccggt cgcagatttc gtgggaacca ggaataagag gcatttcctt gaagggagaa 60  
 gaaggaatca tgggctttcc tggactgagg ggttaccctg gcttgagtgg tgaaaaagga 120  
 tcaccaggac agaagggaag ccgaggcctg gatggctatc aagggcctga tggacccccg 180  
 ggacccaagg gagaagccgg agacccaggg cccctggac tacctgccta ctccctcac 240  
 ccttccctag caaaagggtgc cagaggtgac ccgggattcc caggggcca aggggagcca 300  
 ggaagccagg gtgagccagg agacccgggc ctcccaggtc ccctggcct ctccatcgga 360  
 gatggagatc agaggagagg cctgccgggt gagatgggac ccaagggctt catctggaga 420  
 ccccgcatc cctgcgctct acggggggcc acctggacct gatggaaagc gag 473

<210> 864  
 <211> 1132  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1133)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (27)...(1106)  
 <223> similar to gi3004482 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 864  
 ggcagagcg gcacgagcgg cagcaggggg ccctcagcca agatgcactc ttgagaatct 60  
 ccatcccact ggactcaaac atgaggccag agaagtgtcg tcgctttgtt catcctcagt 120  
 ggcagctcct tcacctgaat gggaccttcc ccaacacaag tgacgcagac atggagccct 180  
 gtgtggatgg ctgggtgtat gacagaatct ccttctcatc caccatcggt actgagtggg 240  
 atctggtatg tgactctcaa tctactgactt cagtggctaa atttgtattc atggctggaa 300  
 tgatggtggg aggcaccta ggcggtcatt tatcagacag gtttgggaga aggttcgtgc 360  
 tcagatggtg ttacctccag gttgccattg ttggcacctg tgcagccttg gctccacct 420  
 tcctcattta ctgctcacta cgcttcttgt ctgggattgc tgcaatgagc ctcataacaa 480



```

<400> 866
tatatcaaca ttgatataga tccagggtac ttaaaaaacag ccttaggcct ttatagaagc    60
tgcttgctca ccgaaaataa gatccgctcc ctaatatata atgccttgaa tcccatgcat    120
aaagagattt cccagagggtc cacagccaca atgtatataa ttggaggcta ttactggcat    180
cctttatcag aggttcacat atgggatcct ttgacaaatg tttggattca gggagcagaa    240
ataccagatt ataccaggga gagctatggt gttacatggt taggacccaa catttatgta    300
actgggggct acaggacgga taacatagaa gctcttgaca cagtgtggat ctataacagt    360
gaaagtgatg aatggacaga aggtttgcca atgctcaatg ccagggtatta ccactgtgca    420
gtcaccttgg gtggctgtgt ctatgcttta ggtggttaca gaaaaggggc tccagcagaa    480
gaggctgagt tctatgatcc tttaaaagag aaatggattc ctattgcaaa catgattaaa    540
ggtgtgggaa atgctactgc ctgtgtctta catgatgtta tctacgtcat tgggtggccac    600
tgtggctaca gaggaagctg cacctatgac aaagttcaga gctacaattc cgatatcaac    660
gaatggagcc tcatcacctt cagtcacacat ccagaatata tgaagaagat ggccatctgc    720
aaaccaggaa gcaggtcatc atgagacacc agatctaaca gcatcttgat cttggacttc    780
tcagccttca aaactgcgag caataaattt ctgtgttita agacaaaa    828

```

```

<210> 867
<211> 1405
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (632)...(1405)
<223> similar to gi487418 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 867
cgataggtag tctgtatttg tgagtgcggc caaaaactct ctcttactga tgcagagaaa    60
gttctcagag cccaacactt acatcgatgg cccagcaggt gcacaggccc aggcctcctc    120
cccgcggttg tctgcctgga acaatgcaac tgaggccctc ccggcagact caggcccagg    180
tcccacccca gatgagccct gtatgacgac gtgggacctg tcagagctca cagctgcggt    240
ggagcctacc gaggaagcca cccctgttgc agatgaccca aatgagagag aatctgaccg    300
ggtgtacctg gacctcacac ctgtcaagtc ctttctgcat ggccccagca gtgcacaggc    360
ccaggcctcc tccccgacgt tgtcctgcct ggacaatgca actgaggccc tcccggcaga    420
ctcaggccca ggtcccaccc cagatgagcc ctgcataaag tgtccagaga acctgggaga    480
acagcagctg gagagtttgg agccagagga tccttccctg agaatacaca ccgtcaaaat    540
ccagacggaa cagcagagaa tctccttccc accgagctgc ccggatgccg tgggtggccac    600
cccacctggt gccagcccac ctgtgaagga cagggtgcgc gtgaccagtg cagagatcaa    660
gcttggcaag aatcggacag aagctgaggt gaagcggtag acagaggaga aggagaggct    720
tgaaaagaag aaggaagaaa tccgggggca cctggctcag ctccggaaaag agaaacggga    780
gctaaaggaa accctactga aatgcacaga caagggaagtc ctggcgagcc tggagcagaa    840
gctgaaggaa attgacgagg agtgcggggg cgaggagagc aggcgcgtgg acctggagct    900
cagcatcatg gaggtgaagg acaacctgaa gaaggctgag gcagggcctg tgacgttagg    960
caccaccgtg gacaccaccc acctggagaa tgtgagcccc cgccccaaag ctgtcacacc   1020
tgctctgccc ccagactgta cccagtgcaa ctctgcaacc acactcaaga acaggcctct   1080

```





<223> similar to gi2626835 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 869

gaatggatga	cacaaatgga	aatgagtagc	ctgaacactt	acattgtccg	ccgttacata	60
gcaacaccca	atggcgctcct	cagaatttat	cctgcttccc	tcatggacaa	agcatttgat	120
cccactagga	gacaatggta	tctccatgca	gtagctaata	cagggttgat	ttctttgact	180
ggtccttact	tagatgttgg	aggagctggt	tatgtttgtga	caatcagtca	cacaattcat	240
tcatccagta	cacagctgtc	ttctggggcac	actgtggctg	tgatgggcat	tgacttcaca	300
ctcagatact	tctacaaagt	tctgatggac	ctattacctg	tctgtaacca	agatgggtggc	360
aacaaaataa	ggtgcttcat	aatggaggac	aggggttatc	tggtggcgca	cccgactctc	420
atcgacccca	aaagacatgc	acctgtggag	cagcagcaca	tcaccacaa	ggagcccctg	480
ggtagcaaat	gatattcctc	aaccacccca	actttgtaa			519

<210> 870

<211> 490

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (103)...(484)

<223> similar to gi2804442 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 870

ggagagccca	ctgaaccttt	gcatagagga	gcaattcgag	ccccatggac	acagaccctc	60
cccaggagat	tcggcgagg	tttggcaaga	aggtaacgtc	attccagccc	ttgctgttca	120
ctgaggcgca	ccgagagaag	ttccaacgca	gctgtctcca	ccagacggtg	caacagttca	180
agcgcttcat	tgagaactac	cggcgccaca	tcggctgcgt	ggccgtgttc	tacgccatcg	240
ctgggggggct	tttcctggag	agggcctact	actacgcctt	tgccgcacat	cacacgggca	300
tcacagacac	cacccgcgtg	ggaatcatcc	tgtcgcgggg	cacagcagcc	agcatctctt	360
tcatgttctc	ctacatcttg	ctcaccatgt	gccgcaacct	catcaccttc	ctgcgagaaa	420
ccttcctcaa	ccgctacgtg	cccttcgacg	ccgccgtgga	cttccatcgc	ctcattgcct	480
ccaccgccat						490

<210> 871

<211> 371

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (93)...(352)  
 <223> similar to gi600002 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 871  
 taatgctaatt tgactccagc ttgtctcaaa cactccctac atcctgcttt cttccctttt 60  
 caaacattgt tcccagaaga aaagcaggag ctggcatccc cagtacgctc acatctcccc 120  
 tgtccctcat ctgcaaggac acgaaagcta tgtgaccttc tgccagctgg aggatgaggc 180  
 tgccttcaca tgcagcgccg actgcacccat caggagggtgg gacgtgctga ccgggcagtg 240  
 tctgcagggtg taccgaggac acacgtccat cgtgaacagg atcctgggttg ccaacaacca 300  
 gctcttcagc agctcctatg accggacagc tcgggtcttg agtgtggaca aggggcagat 360  
 gtcccgggag t 371

<210> 872  
 <211> 422  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(425)  
 <223> similar to gi488555 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 872  
 agaaatcata atggagagaa accttataaa tgtcatgaat gtggcaaagt cttcactcaa 60  
 gtttcacatc ttgcacgaca tcagaaaatt cacactggag agaaacctta caaatgtaat 120  
 gagtgtggca aagtcttcac tcagaattca caccttgcaa atcatcagag aatccacact 180  
 ggagagaaac cttacaaatg ccatgtgtgt ggtaaggctt ttaggcacag ttcattggtt 240  
 gtacagcatc agagaagtgt tcatgagaga gtccttaca actgagtttg gcaaactcta 300  
 tcataagttc tagcagtaat caacatccga gagtctatac tagaaagaaa tcatttaa 360  
 gtactatatg tggcacaggc tgtatcgaga cctaccaa at cactagacat cgaaacattc 420  
 at 422

<210> 873  
 <211> 1376  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1375)  
 <223> similar to gi2078282 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 873

```
cttcagaaca aattgccaaa agccagagtt gtttatgcta gtgcaactgg tgcttctgaa    60
ccacgcaaca tggcctatat gaaccgtctt ggcatatggg gtgaggggtac tccatttaga    120
gaattcagtg attttattca agcagtagaa cggagaggag ttggtgccat ggaaatagtt    180
gctatggata tgaagcctag aggaatgtac attgctcgac aactgagctt tactggagtg    240
accttcaaaa ttgaggaaagt tcttctttct cagagctacg ttaaaatgta taacaaagct    300
gtcaagctgt gggtcacgcg cagagagcgg tttcagcaag ctgcagatct gattgatgct    360
gagcaacgaa tgaagaagtc catgtggggg cagttctggt ctgctcacca gaggttcttc    420
aaatacttat gcatagcatc caaagttaaa agggttgtgc aactagctcg agaggaaatc    480
aagaatggaa aatgtgttgt aattggctctg cagtctacag gagaagctag aacattagaa    540
gctttggaag agggcggggg agaattgaat gattttgttt caactgccaa aggtgtgttg    600
cagtcactca ttgaaaaaca ttttcctgct ccagacagga aaaaacttta tagtttacta    660
ggaatcgatt tgacagctcc aagtaacaac agttcgccaa gagatagtcc ttgtaaagaa    720
aataaaataa agaagcggaa aggtgaagaa ataactcgga gaagccaaaa aagcacgaaa    780
agtaggtggc cttactggta gcagttctga cgacagtggg agtgaatctg atgcctctga    840
taatgaagaa agtgactatg agagctctaa aaacatgagt tctggagatg atgacgattt    900
caaccatttt ttagatgagt ctaatgagga tgatgaaaat gatccctggt taattagaaa    960
agaccacaag aaaaacaaaag agaaaaaaaa gaagaaaagt atagatccag attctattca   1020
aagtgcctta ttagcatcag gtcttgatc aaaaacgacct agtttttcat ctacaccagt   1080
tatctcacct gctcctaaca gtacaccagc taacagtaac accaacagta acagtagcct   1140
tataacaagt caggatgctg tggaaagggc tcagcagatg aagaaaagacc tgcttgataa   1200
gctagaaaaa ttagctgaag acctcccccc taataccctg gatgaactta tcgatgaact   1260
tggtggccct gagaacgttg ctgagatgac tggccgcaag ggacgggttg tgagcaatga   1320
tgatggaagc atatcttatg agtcaagatc tgaacttgat gtgcctgtgg aaataa      1376
```

<210> 874

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(782)

<223> similar to gi3319946 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 874

```
tacacactct tgtttgaga gagtgtgttg aatgatgcag tggccatagt ccttacatat    60
tctatatcca tttacagtcc caaggagaat ccaaatgcat ttgatgccgc agcattcttc    120
cagtctgtgg ggaatttcct gggaatcttc gctggctcat ttgcaatggg gtctgcgtat    180
gccatcatta cagcactgtt gaccaaattt accaagctgt gtgagttccc gatgctggaa    240
accggcctgt ttttcctgct ttcttgaggt gccttcctgt ctgccgaggc tgccggccta    300
acagggatag ttgctgttct cttctgtgga gtcacacaag cacattatac ctacaacaat    360
ctgtcttcgg attccaaaat aagaactaaa cagttgtttg aatttatgaa ctttttggcg    420
gagaacgtca tcttctgtta catgggcctg gcactgttca cgttccagaa tcatatcttt    480
```

aatgctcttt	ttatacttgg	agccttttcta	gcaatttttg	ttgccagagc	ctgcaacata	540
tatcccctct	ccttcctcct	gaatctaggc	cgaaaacaga	agatcccctg	gaacttttcag	600
cacatgatga	tgtttttcagg	tttgcgagga	gcgatcgcat	ttgccttagc	tattcggaac	660
acagaatctc	agcccaaaca	aatgatgttt	accactacgc	tgctcctcgt	gttcttcact	720
gtctgggtat	tttggaggag	gaacaacccc	catgtttgaa	ttggcttcag	atcagagttt	780
ggcgtgggac	ctgg					794

<210> 875  
 <211> 1095  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (14)...(995)  
 <223> similar to gi2736324 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 875						
gtccatgcag	ctgatgctga	gccagctgat	ccagcaactg	aggaccaaca	tccagcttcc	60
tgctgcctc	cgtgtcattg	gctacctgcg	gcgatggac	gtcttcaactg	aggctgagtt	120
gagggggaag	tttcttcagg	cccagatgc	ttggctccgg	tccatcctga	ctgccattcc	180
taatgatgat	ccctatttcc	atattacaaa	aaccatcgag	gcctcccgtg	tccatctctt	240
tgatatcatc	acccagtacc	gtgccatctt	ctcagacgag	gacccactgc	tgccccctgc	300
catgggtgag	cacactgtga	atgagagtgc	catcttccat	ggctgggtgc	tacagaaggt	360
ctcacaattc	ctgcagggtgc	tggagaccga	cctttaccgg	ggcataggcg	gccacctgga	420
ctctctgctg	ggccagtgc	tgtactttgg	gctgtccttc	agccgggtgg	gagctgattt	480
ccgggggtcag	ttggctcctg	ttttccagcg	ggtggccatc	agcactttcc	agaaagcaat	540
tcaggaaaca	gtggagaaat	tccagggaaga	aatgaactcc	tacatgctca	tctcggctcc	600
agccatcctg	ggcaccagta	acatgcctgc	tgctgtgcc	gccaccagc	cggggacgct	660
gcagccacc	atggtgctcc	tagatttccc	acccctcgcc	tgctttctca	acaatattct	720
ggttgcttc	aatgatctgc	gcctctgctg	ccctgtggcc	ctggcgcagg	atgtgactgg	780
ggccttggaa	gatgcccttg	ccaaggtaac	taaaataatc	ctggccttcc	atcgcgctga	840
agaggctgcc	ttcagcagcg	gggagcaaga	gctctttgtc	cagtttctgg	cactgtcttt	900
cctgggaaga	ccttgtttcc	gtattttaaa	tcgctgtctc	caagtccttt	ttccaccagc	960
tcagatagca	cagacttttag	gtaagagaat	gaaaattctg	taaactgcct	tactgatgtg	1020
taattcacat	actaaataat	tcatccattt	gtgtaagtca	gtgtttttta	gtaaatatga	1080
atccaatttt	agaat					1095

<210> 876  
 <211> 589  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature

<222> (1)...(590)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc\_feature  
 <222> (1)...(589)  
 <223> similar to gi3493462 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 876

ccacaattca	gtggcttggt	tgctttcaac	tgtcaatgtc	aaacctggaa	acttcttcga	60
gaggactcct	gtaatgctgg	gcctgaggac	atccagtctc	gaataggaca	ctgcatgtta	120
ttccactcaa	aaaatcgttg	cttatatgta	tttggtggcc	agcgatcaaa	gacctatttg	180
aatgatttct	ttagttatga	tgtggactct	gatcatgtag	acataatatc	agatggcacc	240
aagaaagact	ctgggatggt	tccaatgaca	ggatttacac	agagagcaac	tattgatcca	300
gaactgaatg	aaatacacgt	cttatctgga	ctcagcaaag	ataaggaaaa	gaggggaagaa	360
aatgttagaa	attcattctg	gatttatgac	attgtgagga	atagttggtc	ttgtgtctat	420
aagaatgatc	aagctggcaa	aggataatcc	aacttaaaag	tcttcaggga	aggaagggaac	480
catgtccaag	gttttgccct	tcagcttgta	tacggtgagg	ctacacaggt	tccttactta	540
tttggnctggg	atnccgggga	atcttgctct	tccaaggtgn	ggttnngtg		589

<210> 877  
 <211> 429  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (6)...(431)  
 <223> similar to gil88684 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 877

tttcgtccgg	acagccgcgc	gctgagggtc	tcggggcggg	cgccgcggga	cctctccggg	60
ccatggcagc	ccctgtcaaa	gggaacagga	agcagtccac	ggaggggtgac	gccctagacc	120
cacctgcac	ccccaaacct	gctggcaagc	agaacggaat	ccagaacccc	atctcgctgg	180
agttaacctg	tggaagatct	acaaagcagt	ggagaagctg	ggggcctatg	agctggtgac	240
cgggcgcgc	ctctggaaga	acgtgtacga	cgagctgggg	ggcagcccag	gcagcaccag	300
cgcggccacg	tgcacgcgcc	gccactacga	gaggctggtc	ctgccatacg	tgccggcacct	360
gaagggggag	gatgacaagc	cgctgcccac	ctccaagccc	aggaaacagt	acaagatggc	420
taaggagag						429

<210> 878

<211> 437  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(440)  
 <223> similar to gi4589614 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 878  
 acggttcac gtgccaagg cctcaagcca ttgtcctcat gctccgcgga tgcctatgtc 60  
 aaagccaatc tgctgccagg ggccagcaag gccagccagc ttcggacaca caccgttcgg 120  
 ggacagaggg tacctgtctg ggaggagaca ctacacctatc acggcttcac ccgccaggat 180  
 gctgagtgc agacccttat gctgtgtgtg tgcgaggacc catggtacag cgacagtggc 240  
 aggacacctt cctgggggag ctgcggtgtc ccctgaggaa gctggtgcc aaccgagcca 300  
 ggagctttga catctgtctg gagaagcgga ggctggccaa gaggcccaag agcctggaca 360  
 cagcctgtgg catgtccctc tatgaggagg aggtggagac agaggtggcc tgggaggaat 420  
 gtgggacacgt cctactg 437

<210> 879  
 <211> 720  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (201)...(680)  
 <223> similar to gi5911943 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 879  
 gcacaggaaa accaccccct gctcctcctc ctgaccctcc caagctattc tttgacatcc 60  
 gtaaagatgc cgtaaacgt ggcgagagtc cttccctggg gactcaggct tcgttcccag 120  
 atgtgagacc acctgtgcta ggccccggg ttacctctga tcccgaaaac cggaagagca 180  
 aagaatctta ccttttgcag ccgagttatc cagccaagga tgccacttcc tccagtgcag 240  
 cccagccgga ggtaatatgt gtccctctct acctgggttaa tactgacaga gggcaagaag 300  
 gcactgccag acctccaaca cctctggggc ctcttggctg cgtccccaca atcccagcga 360  
 ctgcctctgc cgcctcacct ctgaccttcc cgactctaga tgatttcatt cccctcatc 420  
 tgcagagggtg gccccaccac agccagccag cccgcgcctc tggtccttt gcccccatta 480  
 gccagacgcc accatccttc tcaccaccac ctccgctggt cctcctgcc ccggaggacc 540  
 tccgcagagt ctgggagcct gacctcaagg gagcttgttt cggagtaccg attccagtcc 600  
 tcttactaaa tgaagttttc ttcttccctc tattgggact gattcccaag ctttccatca 660  
 agttaggaag gcttccattc cgccttattc ctccaaaaag attggcaaat ctaactattg 720

<210> 880  
 <211> 1174  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(1177)  
 <223> similar to gi5630077 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 880  
 cttttgtcat gaagaagggtg atggattgac agatggacca gcaaggctac tcaaccttga 60  
 cttggatctg tgggtccact tgaactgcgc tctgtggtcc acggagggtct atgagactca 120  
 ggctgggtgcc ttaataaatg tggagctagc tctgaggaga ggcctacaaa tgaaatgtgt 180  
 cttctgtcac aagacgggtg ccactagtgg atgccacaga tttcgatgca ccaacattta 240  
 tcacttcact tgcgccatta aagcacaatg catgtttttt aaggacaaaa ctatgctttg 300  
 ccccatgcac aaaccaaagg gaattcatga gcaagaatta agttactttg cagtcttcag 360  
 gaggggtctat gttcagcgtg atgaggtgcg acagattgct agcatcgtgc aacgaggaga 420  
 acgggaccat acctttcgcg tgggtagcct catcttccac acaattgggtc agctgcttcc 480  
 acagcagatg caagcattcc attctcctaa agcactcttc cctgtgggct atgaagccag 540  
 ccggctgtac tggagcactc gctatgccaa taggcgctgc cgctacctgt gctccattga 600  
 ggagaaggat gggcgcccag tgtttgtcat caggattgtg gaacaaggcc atgaagacct 660  
 ggttctaagt gacatctcac cttaaagggtg ctgggataag attttggagc ctgtggcatg 720  
 tgtgagaaaa aagtctgaaa tgctccagct tttcccagcg tatTTaaaag gagaggatct 780  
 gtttggcctg accgtctctg cagtggcacg catagcggaa tcacttcctg gggttgaggc 840  
 atgtgaaaaat tataccttcc gatacggccg aaatcctctc atggaacctc ctcttgccgt 900  
 taaccccaca ggttgtgccc gttctgaacc taaaatgagt gcccattgtca agaggtttgt 960  
 gttaaggcct cacaccttaa acagcaccag cacctcaaag tcatttcaga gcacagtcac 1020  
 tggagaactg aacgcacctt atagtaaaca gtttgttcac tccaagtcac cgcagtaccg 1080  
 gaagatgaaa actgaatgga aatccaatgt gtatctggca cgggtctcggga ttcaggggct 1140  
 gggcctgtat gcttgctcga gacattgaga aaca 1174

<210> 881  
 <211> 1410  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(1275)  
 <223> similar to gi5162960 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 881

```

atctggttcc attttatcag atatcagctt tgacaagact gatgaatcac tggattggga      60
ctcttctttg gtgaagactt tcaaactgaa gaagagagaa aagaggcgct ctactagccg    120
acagtttgtt gatggtcccc ctggacctgt aaagaaaact cgttccattg gctctgcagt    180
agaccagggg aatgaatcca tagttgcaaa aactacagtg actgttccca atgatggcgg    240
gcccatcgaa gctgtgtcca ctattgagac tgtgccatat tggaccagga gccgaaggaa    300
aacaggctact ttacaacctt ggaacagtga ctccaccttg aacagcaggc agctggagcc    360
aagaactgag acagacagtg tgggcacgcc acagagtaat ggagggatgc gcctgcatga    420
ctttgtttct aagacggtta ttaaacctga atcctgtgtt ccatgtggaa agcggataaa    480
at ttggtgcaaa ttatctctga agtgtcgaga ctgtccgtgt ggtctctcat ccagaatgtc    540
gggaccgctg tccccttccc tgcattccta ccctgatagg aacacctgtc aagattggag    600
agggaatgct ggcagacttt gtgtcccaga cttctccaat gatccccctc attgttgtgc    660
attgtgtaaa tgagattgag caaagagggtc tgactgagac aggcctgtat aggatctctg    720
gctgtgaccg cacagtataa gagctgaaag agaaattcct cagagtgaag actgtacccc    780
tcctcagcaa agtggatgat atccatgcta tctgtagcct tctaaaagac tttcttcgaa    840
acctcaaaga acctcttctg acctttcgcc ttaacagagc ctttatggaa gcagcagaaa    900
tcacagatga agacaacagc atagctgcca tgtaccaagc tgttggtgaa ctgccccagg    960
ccaacaggga cacattagct ttccctcatga ttcaactgca gagagtggct cagagtccac   1020
atactaaaat ggatgttgcc aatctggcta aagtcttttg ccctacaata gtggcccatg   1080
ctgtgcccga tccagaccca gtgacaatgt tacaggacat caagcgtcaa cccaagggtg   1140
ttgagcgctt gctttccttg cctctggagt attggagtca gttcatgatg gtggagcaag   1200
agaacattga cccctacat gtcattgaaa actcaaatgc cttttcaaca ccacagacac   1260
cagatattaa agcagtcctt ggaggaggat tgtgtgtcca ttttacagct ggagaagccg   1320
agatccagaa aggaccccca agttgtgggc agaataaatc tacagcagct ttttaactatt   1380
aaaccaactt agattttggg agtctttcaa                                1410

```

<210> 882

<211> 1443

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1444)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (3)...(1443)

<223> similar to gi2052189 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 882

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aaataatgaa agatcgatgg atgaatgttg gtcatagaaga ggaagaacta aagccatata      60
ctgagcctga tccggatttc aatgacacaa aaagaataga cattatgggtc accatgggct    120
ttgcacgaga tgaaataaat gatgccttaa taaatcagaa gtatgatgaa gttatggcta    180
cttatattct tctaggtaga aaaccacctg aatttgaagg tggatgaatcg ttatccagtg    240
gaaacttgtg tcagagggtcc cggcccagta gtgacttaaa caacagcact cttcagtcctc    300
ctgctcacct gaaggtccag agaagtatct cagcaaataca gaagcagcgg cgtttcagtg    360
atcatgctgg tccatccatt cctcctgctg tatcatatac caaaagacct caggctaaca    420
gtgtggaaaag tgaacagaaa gaggagtggg acaaagatgt ggctcgaaaa cttggcagca    480

```



caacagttgg	atcaaaaagc	gagatgactg	caagccctct	tgtagggcca	gagaggaaaa	540
aatcttcaac	tattccaagt	aacaatgtgt	attctggagg	tagcatggca	agaaggaata	600
catatgtctg	tgaaggacc	acagatcgat	acgtagcatt	gcagaatgga	aaagacagca	660
gccttacgga	gatgtctgtg	agtagcatat	cttctgcagg	ctcttctgtg	gcctctgctg	720
tccctcagc	acgacccgc	caccagaagt	ccatgtccac	ttctggtcat	cctattaaag	780
tcacactgcc	aaccattaaa	gacggctctg	aagcttaccg	gcctggtaca	acccagagag	840
tgcttgctgc	ttccccatct	gctcacagta	ttagtactgc	gactccagac	cggacccgtt	900
ttccccgagg	gagctcaagc	cgaagcactt	tccatggtga	acagctccgg	gagcgacgca	960
gcgttgctta	taatgggcca	cctgcttcac	catcccatga	aacgggtgca	tttgcacatg	1020
ccagaagggg	aacgtcaact	ggtataataa	gcaaaatcac	atccaaattt	gttcgcaggg	1080
atccaagtga	aggcgaagcc	agtggcagaa	ccgacacctc	aagaagtaca	tcaggggaac	1140
caaaagaaag	agacaaggaa	gagggtaaaag	attctaagcc	gcgttctttg	cggttcacat	1200
ggagtatgaa	gaccactagt	tcaatggacc	tcaatgacat	gatgagagaa	atccgaaaag	1260
tgttagatgc	aaataactgt	gattatgagc	aaaaagagag	atttttgctt	ttctgtgtcc	1320
atggagacgc	tagacaggat	agcctcgtgc	agtgggagat	ggaagtctgc	aagttgccac	1380
gactgtcact	taatgggggtt	cgcttcaagn	aattatctgg	gacattattg	ctttaagaac	1440
att						1443

<210> 883  
 <211> 520  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(521)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (16)...(520)  
 <223> similar to gi487785 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 883						
cgacccacgc	gtccggaagc	ctttagttat	tcctcaactt	ttcgaagaca	tatgatttac	60
acactggaga	gaagccacat	aaatgtaaa	aatgtgggga	ggccttcagt	tattcttcgg	120
cttttcgaag	acacatgata	acacacactg	gagagaaacc	ctacgaatgc	aaacaatgtg	180
ggaaaacctt	catttatctc	cagtcctttc	gaagacatga	aaggattcac	actggagaga	240
aaccctacga	atgcaaacag	tgtgggaaga	ccttcattta	tccccagtc	tttcgaagac	300
atgaaaggac	tcatggtgga	gagaaaccct	atgaatgcaa	ccagtgcggg	aaagcattca	360
gtcaccctc	ctcctttcga	ggacacatga	gggtgcacac	tggagagaaa	ccctatgagt	420
gcaagcaatg	tgggaaaact	ttcaattggc	ccatatcttt	acggaaacat	atgagaacac	480
atactagaga	gaaaccctta	tgnattgtaa	gcagtgtggg			520

<210> 884

<211> 1723  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (202)...(1726)  
 <223> similar to gi3875448 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 884

cggaagcctt	ctctggggct	gcaaggacct	gagctcagct	tccgccccag	ccagggaagc	60
ggcaggggaa	agcaccggct	ccaggccagc	gtgggcccgt	ctctcgctcg	gtgcccgcgc	120
ccatgtgggc	cgtcctgagg	ttagccctgc	ggccgtgtgc	ccgcgcctct	cccgcggggc	180
cgcgcgccta	tcacggggac	tcgggtggct	cgctgggcac	ccagccggac	ttgggctctg	240
ccctctacca	ggagaactac	aagcagatga	aagcactagt	aaatcagctc	catgaacgag	300
tggagcatat	aaaactagga	ggtggtgaga	aagcccagc	acttcacata	tcaagaggaa	360
aactattgcc	cagagaaaga	attgacaatc	tcatagacct	agggctctca	tttctggaat	420
tatcccagtt	tgcagggttac	cagttatatg	acaatgagga	ggtgccagga	ggtggcatta	480
ttacaggcat	tgggaagagta	tcaggagtag	aatgcatgat	tattgccaat	gatgccaccg	540
tcaaaggagg	tgcctactac	ccagtgcact	tgaaaaaaca	attacggggc	caagaaattg	600
ccatgcaaaa	caggctcccc	tgcatctact	tagttgattc	gggaggagca	tacttacctc	660
gacaagcaga	tgtgtttcca	gatcgagacc	actttggccg	tacattctat	aatcaggcaa	720
ttatgtcttc	taaaaatatt	gcacagatcg	cagtggtcac	gggctcctgc	accgcaggag	780
gagcctatgt	gcctgccatg	gctgatgaaa	acatcattgt	acgcaagcag	ggtaccattt	840
tcttggcagg	accccccttg	gttaaagcgg	caactgggga	agaagtatct	gctgaggatc	900
ttggagggtgc	tgatcttcat	tgcagaaagt	ctggagtaag	tgaccactgg	gctttggatg	960
atcatcatgc	ccttcactta	actaggaagg	ttgtgaggaa	tctaaattat	cagaagaaat	1020
tggatgtcac	cattgaacct	tctgaagagc	ctttatttcc	tgctgatgaa	ttgtatggaa	1080
tagttggtgc	taaccttaag	aggagctttg	atgtccgaga	ggtcattgct	agaatcgtgg	1140
atggaagcag	attcactgag	ttcaaagcct	tttatggaga	cacattagtt	acaggatttg	1200
ctcgaatatt	tgggtaccca	gtaggatatc	ttggaaacaa	cggagtcttc	ttttctgaat	1260
ctgcaaaaaa	gggtactcac	tttgtccagt	tatgctgcca	aagaaatatt	cctctgctgt	1320
tccttcaaaa	cattactgga	tttatggttg	gtagagagta	tgaagctgaa	ggaattgcca	1380
aggatggtgc	caagatggtg	gccgctgtgg	cctgtgcccc	agtgcctaag	ataaccctca	1440
tcattggggg	ctcctatgga	gccggaaact	atgggatgtg	tggcagagcg	tatagcccaa	1500
gatttctcta	catttgacca	aatgctcgta	tctcagtgat	gggaggagag	caggcagcca	1560
atgtgttggt	cacgataaca	aaggaccaa	gagcccggga	aggaaagcag	ttctccagtg	1620
ctgatgaagc	ggcttttaaa	gagcccatca	ttaagaagtt	tgaagaggaa	ggaaaccctt	1680
actattccag	cgcaagggta	tgggatgatg	ggatcattga	tcc		1723

<210> 885  
 <211> 775  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(777)  
 <223> similar to gi293332 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 885  
ctcaagataa accaagcaaa accagaatgt ggacggcaga gccttggtga acttcttatac 60  
cgaccagtac agagggttacc cagtgttgca ttacttttaa atgatcttaa gaagcatatac 120  
gctgatgaaa atccagacaa aagcacttta gaaaaagcta ttggatcact gaaggaagta 180  
atgacgcata ttaatgagga taagagaaaa acagaagctc aaaagcaaat ttttgatgtt 240  
gctttatgaa gtagatggat gccagctaa tcttttatct tctcaccgaa gcttagtaca 300  
gcgggttgaa acaatttctc taggtgagca cccctgtgac agaggagAAC aagtaactct 360  
cttcctcttc aatgattgcc tagagatagc aagaaaacgg cacaaggtta ttggcacttt 420  
taggagtcct catggccaaa cccgaccccc agcttctctt aagcatattc acctaatgcc 480  
tctttctcag attaagaagg tattggacat aagagagaca gaagattgcc ataatgcttt 540  
tgccttgctt gtgaggccac caacagagca ggcaaatgtg ctactcagtt tccagatgac 600  
atcagatgaa cttccaaaag aaaactggct aaagatgctg tgtcgacatg tagctaacac 660  
catttgtaaa gcagatgctg agaatcttat ttatactgct gatccagaat cctttgaagt 720  
aaatacaaaa gatatggaca gtacattgag tagagcatca agagcaataa aaaag 775

<210> 886  
<211> 602  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (3)...(529)  
<223> similar to gi4028930 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 886  
cgccctcgatc ctgtgatgtt ggaggtggca atgcttttcc acataatggt caaaacctag 60  
gcctctcacc cttcttgagg accttgaaca ctggagggtc attgccagat ctaaccaacc 120  
tccactactc gacacccctg ccagcctccc tggacaccac cgaccaccac tttggcagta 180  
tgagtgtggg gaatagtgtg aacaacatcc cagctgctat gaccacacctg ggtataagaa 240  
gctcctctgg tctccagagt tctcggagta acccctccat ccaagccacg ctcaataaga 300  
ctgtgctttc ctcttcctta aataaccacc cacagacatc tgttcccaac gcatctgctc 360  
ttcacccttc gctccgtctg ttttccctta gcaacccatc tctttccacc acaaacctga 420  
gcggcccgtc tcggcgtcgg cagcctcccg tcagccctct cagcctttct cctggccctg 480  
aagcacatca aggtttcagc agacagctgt ctccaaccag cccactggcc ccatatccta 540  
cctcccagat ggtgtcctca gaccgaagcc aactttcctt tctgcccaca gaagctcaag 600  
cc 602

<210> 887  
<211> 2239

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (3)...(2239)  
 <223> similar to gi558586 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 887

cgctcttcac	tagcctcggc	ctgagcgagc	agaaggcccg	cgagacgctc	aagaactcgg	60
ctctgagcgc	gcagctgcgc	gaggccgcta	ctcaggctca	gcagaccctg	ggctccacca	120
ttgacaaagc	taccgggatc	ctgttatatg	gcttggcctc	ccgactcagg	gatacccggc	180
gtctctcctt	ccttgtaagc	tacatagcca	gtaagaagat	ccacactgag	ccccagctaa	240
gcgctgccct	tgagtatgtg	cggagtcacc	ccttggaccc	catcgacact	gtggacttcg	300
agcggaatg	tggcgtgggt	gtcattgtga	ccccagagca	gattgatgag	gctgtggagg	360
ctgctattaa	caggcaccgg	ccccagctcc	tggcggaaacg	ttaccatttc	aacatggggc	420
tgctgatggg	agaggctcgg	gctgtgctga	agtgggcaga	tggcaaaatg	atcaagaatg	480
aagtggacat	gcaggctcctc	caccttctgg	gccccaaagt	ggaggctgat	ctggagaaga	540
agttcaagg	ggcaaaagct	cggctagaag	aaacagaccg	gaggacggca	aaggatgtgg	600
tggagaatgg	cgagactgct	gaccagaccc	tgtctctgat	ggagcagctc	cggggggagg	660
cccttaagtt	ccacaagcct	ggtgagaact	acaagacccc	aggctatgtg	gtcactccac	720
acaccatgaa	tctactaaag	cagcacctgg	agattactgg	tgggcaggta	cgtaaccggt	780
ttcccgccaga	acccaatgga	atcctgcata	ttggacatgc	caaagccatc	aatttcaact	840
ttggctatgc	caaggccaac	aatggcatct	gttttctgcg	ttttgatgac	accaaccctg	900
agaaggagga	agcaaagttc	ttcacggcca	tctgtgacat	ggtagcctgg	ctaggctaca	960
caccttacaa	agtcacatat	gcgtctgact	attttgacca	gctatatgcg	tgggctgtgg	1020
agctcatccg	caggggtctg	gcttatgtgt	gccaccagcg	aggagaggag	ctcaaaggcc	1080
ataatactct	gccttcaccc	tggagagacc	gtcccatgga	ggagtcactg	ctgctctttg	1140
aggcaatg	caaggggcaag	ttttcagagg	gcgaggccac	actacggatg	aagctggtga	1200
tggaggatgg	caagatggac	cctgtagcct	atcgagtcaa	gtatacacca	caccaccgca	1260
caggggacaa	atggtgcac	tatcccacct	acgactacac	acactgcctc	tgtgactcca	1320
tcgagcacat	cactcactca	ctctgcacca	aggaattcca	ggcccgaacg	tcttcctact	1380
tctggctttg	caatgcactg	gacgtctatt	gccctgtgca	gtgggagtat	ggccgcctca	1440
acctgcacta	tgctgttgtc	tctaagagga	agatcctcca	gctttagtag	actggtgctg	1500
tgcgggactg	ggatgaccca	cggctcttta	cactcacggc	cctgcgacgg	cggggcttcc	1560
cacctgaggc	catcaacaac	ttctgtgccc	gggtgggagt	gactgtggca	caaaccacaa	1620
tggagccaca	tcttctagaa	gcctgtgtgc	gtgatgtgct	gaatgacaca	gccccacgag	1680
ccatggctgt	gctggagtca	ctacgggtca	tcatcaccaa	ctttcctgct	gccaagtcct	1740
tggacatcca	ggtgcccaac	ttcccagctg	atgagaccaa	aggcttccat	caggttccct	1800
ttgcacccat	tgtcttcatt	gagaggactg	acttcaagga	ggagccagag	ccaggattta	1860
agcgcttggc	ttggggccag	cctgtgggcc	tgaggcatac	aggctacgtc	attgagctgc	1920
agcatgttgt	caagggccccc	agtgttgtgt	tagagagtct	ggaggtgacc	tgagacggg	1980
cagatgctgg	agagaagcca	aaggccttta	ttcactgggt	gtcacagcct	ttgatgtgtg	2040
aggttcgcct	ctatgagcga	ctattccagc	acaagaaccc	tgaagatcct	actgaggtgc	2100
ctggttgatt	tttaagtgtg	ctgaacctgg	catcactaca	cgtggtggat	gcagcattag	2160
tggactgctc	tgtggccctg	gcaaaaccct	tcgacaagtt	ccagtttgaa	gcgtcttggg	2220
atatttctcc	gtggatcag					2239

<210> 888

<211> 850  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (16)...(853)  
<223> similar to gi4240317 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 888  
tatgtgattt gaatgccaac actgaatcag aagtaccagg aggtcagagt gttggtgttc 60  
aaggggaagc agcgtgtgtc agtattccac atttagatct gaagaatggt tctgatgggtg 120  
ataaatggga agagccattt cctgctttta agtcttggca ggaggactct gagtctggag 180  
aagctcagct gtctccacaa gctggaagaa tgaatcatca ccccttggaa gaggactgtc 240  
ctccagtatt atcacaccgc agtttagatt ttggtcaaag ccagcgtttc ctacatgatc 300  
cagaaaagtt ggattcctca tctaaagcac tgtcttttac tagaattcga agatcatcct 360  
ttagttcaaa agatgaaaag agagaggaca gaacacctta tcagctgggtc aagaaacttc 420  
agaagaaaat cagacaattt gaggaacagt ttgaaaggga aagaaatagc aagccctcct 480  
acagtgatat tgctgccaat ccaaagggtat taaaatggat gacagagctt acaaaactgc 540  
ggaagcaaat taaagatgca aaacacaaaa attctgatgg agaatttgta cctcagacac 600  
gtccacgtag taacacactt ccaaaaagct ttggctcttc tctagaccat gaagatgaag 660  
agaatgaaga tgaacccaag gtcattcaga aggagaaaaat accatctaaa gaagcaaccc 720  
ttgaacttat tcttaaaaaga ctgaaagaaa aacgtattga gaggtgtctt ccagaagata 780  
tcaagaaaat gaccaaagat catttggtag aagagaaaagc ttctcttcag aaaagtcttc 840  
tttactatga 850

<210> 889  
<211> 404  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (17)...(404)  
<223> similar to gi854065 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 889  
aatacagtct ggggaagtgt gtctgtctgt ctgctgtctg gggcagtttg ctgtctgctt 60  
tccggggcag tttgtctgtc tgtgtctgtg ggcagtttgt ctatctgtct gctgtccggg 120  
gcagtttttc tgtctgtctg ccggggcaac gtgtctgtct gtctgtgtgc cggggcagtg 180  
tgtctgtttg tctctctgct gtccagggca atgtgtctgt ttgtctgtct gctgtccggg 240  
gcagtttgtt tgtctgtctg ctgtctgggg cagtttgtca tctgtgcagg ggaccaactc 300  
cctgtctttc taggagcctg gcacacagga ggtgctcagt aaatgtttgc gaaatgactc 360  
aacttatttc agtatcttat tttttctgct gggggtggac gaaa 404

<210> 890  
 <211> 569  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (7)...(571)  
 <223> similar to gi4587085 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 890  
 tttcgtcaag tgtgtgtgcg aacgggaaca gagacgcaag ccaaattcac ctccgtggag 60  
 ctgctcaggg aatacatthc gacctgtgtt cctgaatgca ctcatcccct caaagtgggg 120  
 acctgtccca aggactggcc cagctgtggg gagatcacct tcagagacta tcagatgaga 180  
 tacagagaca acacccccct tggtctcgac agcctgaact tgaacataca aagtgggcag 240  
 acagtcggga ttgttggaag aacagggttc ggaaagtcac cgtaggaat ggctttgttt 300  
 cgtctggtgg agccagccag tggcacaatc tttattgatg aggtgggtat ctgcattctc 360  
 agcttggaag acctcagaac caagctgact gtgatccac aggatcctgt cctgtttgta 420  
 gataatgaaa ctcccagaaa aattacaggc agaagtcaca gaaaatggag aaaacttctc 480  
 agtaggggaa cgtcagctgc tttgtgtggc ccgagctctt ctccgtaatt caaagatcat 540  
 tctccttgat gaagccaccg cctctatgg 569

<210> 891  
 <211> 1041  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (208)...(1011)  
 <223> similar to gi3858883 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 891  
 tttttttttt ttgctgcttc agatcatgtt tattgtgggg ccagggggta gggatcctcg 60  
 ggtgagaggg ctggctggcc ggggtaagtt gctctggacg tgctggcggg gagcagtcct 120  
 ggtggcgggg tggcgggggc acttctgggt ccaggggtgc acgggatccg ggcagtgtct 180  
 aggggtggcaa gaggcggcgt gcaggcacct ggggcgcccg ggtctctagg cgtttcacac 240  
 gcagcagcgc ccccagcacg ccctcagggg gcagctcaga gcccacatcg tggtcggcgg 300  
 cacggcgagg gcggcgcggg gctgccaccc cctcggagtc cgcgcttccc gcaagaatcc 360  
 gtcccagcaa gtacctcaac agctcggggg ccacgtcggg tgtctcgtcg cctgcctcct 420  
 cagcatccgg gcccgcgggg ccgtcgtcgt agaccggggg ccgggggtcgg agcgcccgcg 480

```

cggggacggg cgcggggaca agctgggctg ctagggcggc aggggtcaagg cgggcgcgga 540
gcagagcgcg agcgagctgc gctgcaggcg cgtcgggggtc gtcgtccagg cccagagccg 600
gatcagagtt gcggggggcg ccccagacgc gcagcagctg cgccaggacg cgcgcctgct 660
gatcctcagc ctctgcgcc tcggcccgcg cccgctcctg acgttcggcc tccagcagat 720
gcgccagcgc ccgcgccagc tcttgacccg ccccgccgcg ctacactcgg ggcactgacc 780
gccggaagcg gcgaggagcg ccagtctcag ccaaggggcg agacgctgcg cttaggccgc 840
ggggctcctt taccggccgc gcgcagagcg cggggggcgg ccgaaacagg ccgagcagca 900
gcagcaccaa aaggccgacg ccccgggccc gcggccccca gagcagcggc gaccccgcca 960
tgctgcccc agcgagccgg ctccggacgg gcggactggc tggcacgaaa tcgtcgaccc 1020
gggagattcc ggagatgatc c 1041

```

```

<210> 892
<211> 432
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (24)...(409)
<223> similar to gil754989 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 892
atctactcat ccattcatcc actcatccac ccacctatcc acccattcac ccacctggcc 60
accatttctt ccttccttta ttttttcctt tctttttttc cttctctcct tccttccacc 120
catccaccca cccactcatt cacctgtcta cctatccacc catccatcca tccgtctacc 180
cacctgtccc tctatccctg tccgtctatt cttccatcca tctaccact cctgagtact 240
tcctcttcca gcctgtggcc catggagatc acatggtaga atatcctcta tgccagggga 300
gcagagtcca atacctcgtc tttggaagtc accctcctcc aagcccccat ttccttgccc 360
ccatttcctc accccatcaa aaagggatac ccagcccacc ctgcccactc ctagattgcc 420
atgagcacc at 432

```

```

<210> 893
<211> 853
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (50)...(854)
<223> similar to gi4886503 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 893
ccgaggtcga gttccaagtc ggagacagat tttgcgagtg gataagacga tgggaagatgg      60
taccctcaaag catatcatcc agatgacagg atttaagatg gaagaaaaag aagcgctagt      120
caaattacttt taaaactaga ttgcactttt attaagagtg agaaatacaa aaattgtaca      180
catcttatag ctgaacgcct atgtaagagt gaaaaatttt tagcagcttg tgcggcagga      240
aagtggatac taaccaagga ctatataaatt catagtgcc aagtgggcag atggcttgat      300
gaaacaacttt atgaatgggg atataaaaatt gaaaaagatt cccgttattc acctcaaatg      360
caatctgcac ctaaaaagatg gcgtgaagaa ctgaaacgca ctggtgctcc aggagccttc      420
cacagatgga aagttgtcct ccttggttaga actgataagc gaagtgattc tcttataaga      480
gttttgagg ctggaaaggc aaatgttatt ttaccaaaaa gttcaccaag tggataaact      540
catgtgattg ccagtaatgc aagaattaaa gctgagaaaag aaaaagataa ctttaaggct      600
ccattttatc caattcagta tctaggggat tttcttttag agaaagaaat tcagaatgat      660
gaagattccc aaaccaattc tgtttggact gaacatagca atgaagaaac aaacaaagat      720
ttcaggaaaag atgcaggatt tcttgaaatg aaaggtgcct taagagagac catgtataga      780
accagaaaag aaatgcaaaa tcatgaagat gtcaatgttg gttctatttt gattcaacat      840
cacaaaaaaa aaa                                         853

```

```

<210> 894
<211> 442
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (30)...(443)
<223> similar to gi4240311 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 894
tttgatgacc cttataccag gcggtggaat tcatcgagac ttcatatcat ggagtcataa      60
ctgagaacaa tgacacagtc atttttggtt ccaccactgg tagccctgga taaagatgca      120
ccggttcctt ttgcagggga aatctgtgct ttcaagatcc atggccagga gctgcccttt      180
gaggctgtgg tgctcaacaa gacatcagga gagggccggc tccgtgccaa gagccccatt      240
gactgtgagt tgcagaagga gtacacattc atcatccagg cctatgactg tgggtgctggg      300
ccccacgaga cagcctggaa aaagtccacac aaggccgtgg tccatataca ggtgaaggat      360
gtcaacgagt ttgtccccac cttcaaagag ccagcctaca aggctgttgt gacggagggc      420
aagatctatg acagcattct gg                                         442

```

```

<210> 895
<211> 1027
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (33)...(877)

```



<223> similar to gi3582145 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 895

gccccccccc	cccccccat	tgtagaccaa	tgtacatctg	gtggaattcg	tgggccatcc	60
gcagggcata	cctggatggg	tctggggcgc	agacgctgat	caacaccaag	atcaacgacc	120
ccgatgacat	cgcagtcaac	tgggtggccc	gaagcctcta	ttggacccac	acaggcactg	180
aacacatcga	ggtgacgtgc	ctcaacagca	cctcccacaa	gatcctgggt	tcagaggaca	240
tggacgagcc	ccgtgccatt	gcactgcatc	ccgagatggg	cctcacgtac	tggatagact	300
ggggagagaa	ccctgaaatc	aagcgtgcca	acctggacag	gcaggagctg	cgcgtgctgg	360
tcaatgcttc	cctcgggtgg	cccaacggcc	tggccctgga	cctgcaggaa	gggaagctct	420
actggggaga	tgccaagaca	gacaagatcg	aggcgcag	tgtcgatgag	acgaagaggc	480
agaccctcct	gaaggacaag	ctcccacaca	ttttcagggt	caccctgctg	ggggacttca	540
tctactggac	cgcctggcag	caccacagca	tcaagcgggt	acacaagggtc	aaggccaacc	600
gggacgtcat	cattgaccag	ctgcccagacc	tgatggggct	caaagctgtg	aacgtggaca	660
aggtcgtcgg	gcctggaact	gctgagtgac	atgaagacct	gcatcatgcc	caaggccttc	720
tttgtcttca	ccagtagagc	cgccatccac	aggatctccc	tcgagaccaa	caacaacgat	780
gtggccatcc	tgctctcggc	gtcaaggagg	cctcggccct	ggactttgat	gtgtccagca	840
accacatcta	ctggacagac	atcagcctga	aggtagcgtg	ggcccgaaca	tgcacacgtg	900
cagcctatat	gggaaaacct	tccctctgta	cctgcctcaa	aggtttcaga	catttttctt	960
aaagcactat	aatatatttatt	gtaacccaat	tcaagcta	taaatatgag	caaacctatt	1020
tcaaaaaa						1027

<210> 896

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (384)...(781)

<223> similar to gi2809057 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 896

gcgtaggaag	tgcgaggaa	ttccatcatt	tggccttcag	agtttttagaa	cgctatcaac	60
taatgatatt	aaaatgatat	cctgctattt	catgacttac	atgtcctttt	acaatatatt	120
ttctcttttt	acacaaacgg	atgaataaat	atggctttta	aaatcctcaa	gctgaccctt	180
gcccttttatt	aaggcaccga	caaaaaggact	aagattatat	ctcattttgc	agttgaagac	240
attgggactg	agagatgtca	tgtgacttgc	ccagattcac	acagaaatct	gaagccttag	300
aattcttagc	ctttacattt	ttatccacca	tgaccattac	cttgaaagtg	cattgacttg	360
aaagtgactt	tgtttttttt	tcccccatca	cgtctaggac	tgtgaattac	catcatgtca	420
tcctccccca	gctgccccgg	aaacgaggag	aagcacatac	agtgcaccaa	gaacccagtg	480
gcgatttggg	tcttggaacc	catgctcagc	cacttgtagg	aaaggtaccc	ggatgagata	540
cgtcagctgc	cgagatgaga	atggctctgt	ggctgacgag	agtgcctgtg	ctaccctgcc	600
tagaccagtg	gcaaaggaag	aatgttctgt	gacaccctgt	gggcaatgga	aggccttgga	660
ctggagctct	tgtctctgtga	cctgtgggca	aggtagggca	acccggcaag	tgatgtgtgt	720

caactacagt gaccacgtga tcgatcggag tgagtgtgac caggattata tcccagaaac 780  
tg 782

<210> 897  
<211> 464  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (33)...(465)  
<223> similar to gi498721 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 897  
ttgtagacta gaggaccctg tggcgagagt ggtggaattc gcagaaacca gtttgacaga 60  
caacagggaa atccagacag acatttccat cagatgatca tcagacatga agaaatgccc 120  
acttttgacc agcatgcac cttactttt tatcagaaaa ttcatactag agaaaaacct 180  
tttggggtata ataaatgtag aaaagacttc tggcaaaaagg aactccttat taatcatcaa 240  
ggaatttata ctaatgagaa accctataaa tgtaaggaat gtgggaaggc ctttaaatat 300  
ggctcacgac taattcaaca tgagaatatt cattctggta agaaaccata tgaatgtaag 360  
gaatgtggaa aggccttcaa ttctggttca aattttatac aacatcagag agttcatact 420  
ggtgagaaac cgtatgaatg taaagattgt gagaaggcct tcag 464

<210> 898  
<211> 461  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (45)...(280)  
<223> similar to gi4314340 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 898  
catcgacgcc ctttgaagac ctctagaccg tgcggcggaa ttcgcccagg ccagggtgcag 60  
acaggcacc cgtcatctt gcgccccctg cccctcagg tttgtgtgta agaacaacgg 120  
ggtcctgttc gagaaccagc tgctgcagat cggagtcaag tcagagttcc gacagaacct 180  
gggcccagat tatctcttct atggcaacaa gacctcggtg cagttccaga atttctcacc 240  
cactgtgggt caccggggag acctccagac tcatatctc tcaggcccgg cccagcctcc 300  
tgccctctca cgtcggcctt cctcaccgtg ggggaagccg ctgaccagc tccacacttc 360  
tcttcagcct ctcttgggca cgcaattagt tctctgagat tgagtgtctg catctgttaa 420

gatgggggtg ggattccttc ccccaggaca ggggatgaca g

461

<210> 899

<211> 907

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (76)...(910)

<223> similar to gill136404 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 899

ggcacgagga	ctccccagc	agggagggag	gagaccagtt	ccaatctccc	aggaaggag	60
cacccgggaa	ggccaccaag	ctcgccaacg	gatgccacta	ttgggcagta	tgtgaagaag	120
atccaggagc	tcctgcagga	gcagtggaa	tgctggagc	atgggtaccc	ggagctggcc	180
agcgccatca	agcagccagc	ctccaagctc	agcagcatcc	agagccagct	gctgagctcc	240
ctcaacctgc	tgctgtcggc	ctactcggcc	caggctcacc	cacccaagga	gccgccggcc	300
tcctcctcct	ccccgccagt	ggagatctcc	ccatcgacca	gccttaaate	cataatgaaa	360
aagaaagact	atggcttccg	tgacaggagt	aatgggacca	aaaagaacct	tcagtttggt	420
ggggttaacg	gtatgagacc	acctcaagtg	aggagaccag	cggtaggagc	agcaccaccag	480
aggacttgct	tgacagcgag	gcagagaaga	agtgtgacgg	cccagatcac	aagcatgtca	540
aagatgccca	tctcacctgc	gaggctgggc	agggcatccc	tgagggcacc	tgccatgctg	600
cccacgaaaag	tgggcctggg	gaagaagtcc	cccactccaa	ggccgagaga	tataaacctt	660
cacaagaatt	tcttaattgca	tgccggggcac	tgagccagca	tctgccagaa	actgggaccg	720
ccacagacca	gctcttgagg	caaagcttga	acaccatcag	tcaagagtgg	ttccgcgtct	780
ccagccggaa	gtcgtctagc	cctgccgtgg	tggcctccta	cctccacgag	gtccagcctc	840
actccccaca	cttcctgaag	ctgcttgtca	acttggccga	tcgcaacggg	aacacggccc	900
ttcacta						907

<210> 900

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(740)

<223> similar to gi487416 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 900

```

acatgggtcg ctggctcggg ctgctgctgg tggagatggg ctccagagtc actccggagg 60
cgctgcacta tgactacgtg gatgtggaga ccttaaccag catcgtcagt gctgggcgca 120
actccttcct atatgcaaga tcctgccaga atcagtggcc tgagccccga gtctatgatg 180
atgttcctta tgaaaagatg caggacgagg agcccgagcg cccacagggg gccaggtga 240
agcgtcacgc ctctcctgctc agtgagaagt cccatcgtgt ggacccgcag gtcaaagtca 300
aacgccacgc ctccagtgcc aatcaataca agtatggcaa gaaccgagcc gaggaggatg 360
cccggaggta cttggtagaa aaagagaagc tggagaaaaga gaaagagacg attcggacag 420
agctgatagc actgagacag gagaagaggg aactgaagga agccattcgg agcagcccag 480
gagcaaaatt aaaggctctg gaagaagccg tggccaccct ggaagctcag tgtcgggcaa 540
aggaggagcg ccgattgac ctggagctga agctggtggc tgtgaaggag cgcttgacgc 600
agtccctggc aggagggcca gccctggggc tctccgtgag cagcaagccc aagagtgggg 660
aaactgcaaa taaaccccag aacagcgttc cagagcaacc tctccctgtc aactgtgtct 720
ctgagctgag gaagaggagc 740

```

```

<210> 901
<211> 3098
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(3099)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1)...(3101)
<223> similar to gi984114 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 901
atttttctgg gtgtcacttt ttccatgaag ggacgtcata tagaagaagc cctaaccaac 60
cagcgcaaaag tagaggggga aacctcccc ccaaaaattc gagaagaaaa agaaggagaa 120
nacagtgaag agaaaggaaa aggccaagaa aaaggaagag aaacctatgg ggaagaatac 180
ctgatcatga tccagcccc caatgtgact gtcctccttc gagaaccagt gcgggcttcc 240
tgctgtggct gtggtcccaa cccagtgca gccccccatt atcgttgctc ctgtcgccac 300
agttccagcc atgccccagg agaagctggc ctctcccccc aaggacaaaa agaagaagga 360
gaaaaaagtg gcaaaagtgg aaccagctgt cagctctgta gtgaattcca tccaggttct 420
cacttcgaag gctgccatct tggaaactgc tcccaaggag gtgccgatgg tgggtggtgcc 480
cccagtgggt gccaaaggga acacaccagc cactggcact actcagggca aaaaggcgga 540
ggggactcag aatcaaagca aaaaggctga aggagcccc aaccagggca gaaaggcaga 600
gggaacccca aaccagggca aaaagacaga aaggaaaccca aaccaaggga aaaaggcaga 660
gggaacccca aaccaaggca aaaaggcatg aaggaaaccca aaaccaaggc aaaaaggcgg 720
agggggccca taaccagggt aaaaagggtg atacaacccc aaaccagggg aaaaagggtg 780
agggggccca aaccagggga agaaaggccg agggggctca gaaccaggcc aaaaaggtag 840
aaggggccca gaaccagggc aaaaaggcag agggggccca gaatcagggc aaaaaggcag 900
agggggccca gaaccagggc aagaaggctg aggggtgcca gaatcagggc aagaaggcag 960
agggggccca gaaccagggc aaaaagactg agggaggcca gaagcagggc aagaaagcag 1020
agggggccca gatccagggc aagaagaacg agggggctca gaccaggggc aagaaagcag 1080
agggggccca gaaccagggc aagaagaacg agggggctca gaccaggggc aagaaagcag 1140

```

```

agggggccca gaccagggc aagaaggccg acggggccca gaaccagggc aagaaggccg 1200
agggggccca gaaccagggc aagaaggccg agggggccca gaaccagggc aagaaggccg 1260
agggggccca gaaccagggc aagaaggccg atggggccca gaaccagggc aagaaggccg 1320
agggggccca gaaccagggc aggaaggccg agggggccca gaaccagggc aggaaggccg 1380
agggggccca gaaccagggc aagaaggccg agggggccca gaaccagggc aagaaggccg 1440
agggggcccc gaaccagggc aagaaggccg aggggacccc gaaccagggc aagaaggccg 1500
aggggacccc gaaccagggc aagaaggccg aggggaccg aaccagggca agaaggccga 1560
gggggccccag aaccagggca agaaggccga gggggccccag aaccagggca agaaggccga 1620
gggggccccag aaccagggca agaaggccga gggggccccag aaccagggca agaaggccga 1680
gggggccccag aaccagggca agaaggccga ggggtgctcag aaccagggca aaaaagtaga 1740
aggggccccag aaccagggca agaaggctga gggggccccag aaccagggca agaaggccga 1800
gggggctcag aaccagggca aaaaggccga gggagccccag aaccagggcc aaaaaggaga 1860
gggagccccag aatcagggtga aaaagacaga aggggctcag ggcaaaaagg cagaaggag 1920
tcccaaccaa ggcaaaaaag gagaggagc tcccatccag ggcaaaaagg cagattcggc 1980
tgctaatacag ggcacaaaag tagagggtat tacaaaaccag gggaaaaaag cagaagggtc 2040
ccccagtga ggcaaaaaag cagaagggtc ccccaaccaa ggcaaaaagg cagacgcagc 2100
tgccaatacag ggtaaaaaag cagagtcagc ttctgtccag ggcagaaata cagatgtggc 2160
ccagagccca gaggcaccaa agcaagaggc tcctgccaaag aagaagtctg gttcaaagaa 2220
aaaaggggccc ccagatgccg acggccctct ctacctcccc tacaagacgc tggctctccac 2280
ggttggggagc atggtgttca acgagggcga ggcccagcgg ctcatcgaga tcctgtctga 2340
gaaggctggc atcattcagg acacctggca caaggccact cagaagggtg accctgtggc 2400
gattctgaaa cgccagctgg aagagaagga aaaactgctg gccacagaac aggaagatgc 2460
ggctgtcgcc aagagcaaac tgagggagct caacaaggag atggcagcag aaaaggccaa 2520
agcagcagcc ggggagggcca aagtgaaaaa gcagctggtg gcccgggagc aggagatcac 2580
ggctgtgcag gcacgcagc aggccagcta ccgggagcac gtgaaggagg tgcagcagct 2640
gcagggcaag atccggactc ttcaggagca gctggagaat ggcccccaaca cgcagctggc 2700
ccgcctgcag caggagaact ccatcctgcg ggatgccttg aaccaggcca cgagccaggt 2760
ggagagcaag cagaacgcag agctggccaa gcttcggcag gagctcagca aggtcagcaa 2820
agagctgggtg gagaagtcag aggtgtgtcg gcaagatgag cagcagcgga aagctctgga 2880
agccaaggga gctgccttcg agaagcaggt cctgcagctg caggcgtccc acagggagag 2940
tgaggagggc ctgcagaagc gcctggacga ggtcagcccg ggagctgtgc cacacgcaga 3000
gcagccacgc cagcctccgg gcggatgccg agaaggccca cgagcaacag cagcagatgg 3060
ccgagctgca cagcaagtta cagtccttcg aggcggag - 3098

```

```

<210> 902
<211> 1710
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (453)...(1710)
<223> similar to gi3327150 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 902
cagtccaaat gacatttatt ccattttctc tgtgggacat ccagctaaag aggaaaaaga 60
acgtattttc aaattattct gtctcttagc catagttacc tagggaagga gtgaaagcca 120
ttgagagtcc acagacagaa ctgcagccc tggctcccct gcccctgtag gaggcgggga 180
aggagtgagc ttcaggccag gaggtccac ggccccctgc agccatcctg cagcttccag 240

```

tcctcctcct	ggaccatccc	tgcactcaga	ccttctcccc	ggcccaacctt	ccttcctcct	300
ctgggatcag	acttcggtac	tgtgtcctca	gggaccttcc	tctgtggccg	gcacccagt	360
atccctggct	cccagcacac	ccagctcaga	ggtcggcagc	ccctgcccac	gagctccagc	420
cggccctgca	tggccttatg	ctggaacgtc	tctggaatct	tttccctttc	tttctgtgtt	480
ggctgtgtcg	gggtggtctt	tgggaagcac	tatcatccaa	gggtccctca	ctccgtggct	540
ctctctctgc	ccttccaggc	tgagcagcgt	gttatgtccc	gggtacactc	tctggagcgg	600
cgtctggaag	ctcttgctgc	tgaattttcc	tccaactggc	agaaggaggc	catgcggctg	660
gaacgtctgg	agctgcggca	aggggctcct	ggccaggagg	gtggtggtgg	cctgagccac	720
gaggacaccc	tggcgctgct	ggaggggcta	gtgagccgcc	gtgaagctgc	cctgaaggag	780
gatttccgca	gggaaactgc	tgctcgcata	caggtaggag	gtggaatacc	tcagggtggg	840
aggtgggtga	cacccatagg	aaagcgtgaa	ggtgcccagc	agcagagaga	acaagtgtca	900
tttgggatca	gacagctctg	ccattttgca	gttaccctccc	ttctcgtttt	ttcctttttt	960
tttttctttt	tgagacaata	tctcactctg	tcacccagcc	tggagtgcag	tggcgtgatc	1020
tcgactcact	acaacctgtg	cctcccagggt	tcaagcgatt	ctcttgcttc	actcagcctc	1080
ccgagtagct	ggattacagg	cgtgcaccac	cacatccagc	taattttgta	tttttagtag	1140
agacagggtt	ttaccaagtt	ggccaggctg	gtctcgaact	cctgacctct	agtgatctgc	1200
ctgccttggc	ctcccaaagt	cctgggatta	caggcgtgag	ccaccacgcc	aggcctcctc	1260
accttctcta	agcctcagtt	tctcctctt	tgatggaggc	catcgtgtct	ccccaccccc	1320
catagtgagc	tgtgcgagta	gaaagcccca	gcatggtacc	tgacaccgca	aagggtgtgca	1380
gtggagctga	agcgggagtc	ttgcgtgggt	cagagaaggc	tgagagccat	ggctctggaa	1440
acaaacagac	cttgtttgaa	ttccagttcc	gccacttctt	aagcatgagg	gtccctataa	1500
gcatggctct	gccccaaactg	gcctctcact	tccgtctcac	aagaagaact	gcttgccctg	1560
aaagcagaac	attaccaaga	cttagaaaac	ctttttaaag	aagaacggcc	cgggcctttc	1620
caaggccatt	ggggcctttgc	ggaacttcag	ggccctgggg	atgggggttc	tggaccccc	1680
tccaacaatg	tttcaacctc	gggaccccc				1710

<210> 903

<211> 1144

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (9)...(1144)

<223> similar to gi951231 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 903

ggaattcggt	actcaaggag	aaaaggaaag	agctgggccc	actgcctgat	gttgatgaca	60
tggtttctcc	caaactcaag	ctgagtagga	agagtggcat	ttctcctaaa	aatcaaaaat	120
acatgactcc	aatgcagcag	aaactaaatg	aggtctatga	agctgtaaag	aactatactg	180
ataagagggg	tcgcccgttc	agtgccatat	ttctgaggct	tccctctaga	tctgagttgc	240
ctgactacta	tctgactatt	aaaaagccca	tggacatgga	aaaaattcga	agtcacatga	300
tggccaacaa	gtaccaagat	attgactcta	tggttgagga	ctttgtcatg	atgtttaata	360
atgcctgtac	gtacaatgag	ccggagtctt	tgatctacaa	agatgctctt	gttctacaca	420
aagtcctgct	tgaaacacgc	agagacctgg	aggagatga	ggactctcat	gtcccaaatg	480
tgactttgct	gattcaagag	cttatccaca	atctttttgt	gtcagtcatg	agtcacaggg	540
atgatgaggg	aagatgctac	agcgattctt	tagcagaaat	tctgtctgtg	gatcccaact	600
ttcctaacaa	accacccctt	acatttgaca	taattaggaa	gaatgttgaa	aataatcgct	660
accgtcggct	tgatttat	caagagcata	tgtttgaagt	attggaacga	gcaagaagga	720



<210> 905  
 <211> 480  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (282)...(482)  
 <223> similar to gi507415 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 905  
 caaatacacaa aagtagagat gtgtagaatg acagataatg actgggtccct gatgggcccg 60  
 tacacctgcg gacctgagag gctaccatag ggccaggacc ccttcatcac tcaagtgtca 120  
 ccttgaggct aggatccctg ggtccccacg gcaacatggt gtagcccgcg cctttgggtc 180  
 catagaagtt tcagtgcggt cgggatcctt tggtttctgc agaactacac tgtggtccct 240  
 gaagggacgc ggagaagccc tcagccccgc tccccgtctt agcggccctc ccctcgcccc 300  
 cacagaagtt tagcactccc tggcggcgct tcttcacgtc tatgccagtc tatgccatca 360  
 tcgtggccaa cttctgccgc agctggacgt tctacctgct gctcatctcc cagccccgct 420  
 acttcgaaga aggttcggct tcgagatcag caaggtaggc ctggtgtccg cgctgcccc 480

<210> 906  
 <211> 1955  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (17)...(1664)  
 <223> similar to gi3043634 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 906  
 cgtggaattc ctggagcgcg agcaggagca gcgacggcac acggcctaca tttcggagct 60  
 caaggccaag ctgcatgagg agaagaccaa ggagctgcag gcgctgcgcg aggggctcat 120  
 ccggcagcac gagcaggagg cggcgcgcac cgccaagatc aaggaggggcg agctgcagcg 180  
 gctgcaggcc acgctgaacg tgctgcgcga cggcgcggcc gacaagggtca agacggcgct 240  
 gctgaccgag gcgcgcgagg aggcgcgcag ggccttcgat ggagagcgcc tgcggctgca 300  
 gcaggagatc ctggagctca aggcagcgcg caagcaggca gaggaggcg ctagtaactg 360  
 catgcaggct gacaagacca aggcagccga cctgcgtgcc gcctaccagg cgaccaaga 420  
 cgagggtgcac cgcataaagc gcgagtgcga gcgcgacatc cgcaggctga tggatgagat 480  
 caaagggaaa gaccgtgtga ttctggcctt ggagaaggaa cttggcgtgc aggctgggca 540



gacccagaag	ctgcttctgc	agaaagaggg	tttggatgag	cagctgggtc	aggtcaagga	600
ggccgagcgg	caccacagta	gtccaaagag	agagctcccg	cccgggatcg	gggacatggt	660
ggagctcatg	ggcgtccagg	atcaacatat	ggacgagcga	gatgtgaggc	gatttcaact	720
aaaaattgct	gaactgaatt	cagtgatacg	gaagctggaa	gacagaaata	cgctgttggc	780
agatgagagg	aatgaactgc	tgaaacgctc	acgagagacc	gaggttcagc	tgaagcccct	840
ggtggagaag	aacaagcgga	tgaacaagaa	gaatgaggat	ctggtgcaga	gtatccagag	900
gatggaggag	aaaatcaaga	acctcacgcg	ggaaaacgtg	gaaatgaaaag	aaaagctgtc	960
agcgagggcg	tctctgaagc	ggcatacctc	cttgaatgac	ctcagcctga	cgaggggatga	1020
gcaggagatc	gagttcctga	ggctgcagggt	gctggagcag	cagcacgtca	ttgacgacct	1080
ctcactggag	agagaacggc	tgttgcgctc	caaaaggcat	cgagggaaaa	gtctgaaacc	1140
gccaagaag	catgttggtg	agacatTTTT	tggatttgat	gaggagtctg	tggactcaga	1200
aacgttgctc	gaaacatcct	acaacacaga	caggacagac	aggaccccag	ccacgcccga	1260
agaagacttg	gacgatgcca	cagccccgag	aggaggctga	cctgcgcttc	tgccagctga	1320
cccgggagta	ccagcgccctg	caacgcgcct	acgccctgct	ccaggagcag	gtgggaggca	1380
cgctggacgc	tgagagggag	gcccggactc	gggagcagct	acaagctgat	ctgctgaggt	1440
gtcaggccaa	aatcgaagat	ttggagaagt	tactgggttg	gaagggacag	gattccaagt	1500
gggttgaaag	gaagcagctg	ctcatcagaa	caaaccaaga	cttgctggaa	aagattttaca	1560
gactggaaat	ggaagagaac	cagctgaaga	atgaaatgca	agacgccaag	gatcagaacg	1620
agctgttaga	attcagagtg	ctagaactcg	aagtaagaga	ctctatctgt	tgtaaaactct	1680
caaacggagc	agacattctc	tttgaaccca	aactgaaatt	catgtaaagc	tctcagatgt	1740
tttcaagcat	gtgtaaaggg	gacatgttat	agtttctttc	tttctttctt	tctttttttt	1800
tttttaaatac	tgtatgttca	gaataatttc	actgccttaa	tgtgttctgg	agagcgtgct	1860
cacccaagtc	tatggacatg	taccagagct	aatatattta	ttgcctatgg	cttgttttgc	1920
acttaataaaa	ataattttgtt	tttgcaataa	aaaaa			1955

<210> 907

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(446)

<223> similar to gil335250 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 907

cctctcggt	cccccaggtc	ctggtgcggt	tctgtttctc	catcagcaaa	gggtaccgga	60
gaatcaccta	ccacaactgg	cgccacggct	tcaacgtggc	ccagacgatg	ttcacgctgc	120
tcatggtacg	tggctggagg	ccttcgccat	ggtgacagcc	ggcctgtgcc	atgacatcga	180
ccaccgcggc	accaacaacc	ctcggtttct	gctgtgggcg	ctggggacgc	agcgtccgca	240
ggacggcagg	gccgtatcct	gcgggacagg	gttctgatgc	agcgggtgag	cactgggtgt	300
gtgagcactg	cacctccctt	gttccctggg	ttcaggaaga	gagcgatggt	tcagaagatc	360
gtggatgagt	ccaagaacta	ccaggacaag	aagagctggg	tggagtacct	gtccctggag	420
acgacccgga	aggagatcgt	catgtgagcg	cgggcggagg	gggcacgagg	ggtccttccc	480
tcgcagggac	cgggccact	caccagctgg	ttaaccctgc	aaccctcccc	agacgctctg	540
gagcaggaag	agcccgtcgc	ggcagcttgt	cgagggtgtg	gaaacaaatg	cgccgtcctt	600
atttcccccc	agctctcagg	gagatggtgc	agagctgggg	agcacacagg	ccctgcattg	660
gtctgtagcc	cttggcagta	acttacttca	ttttgacctt	ccactttttc	acctgtaaaa	720
tggtgattca	caaccatccc	ctccccaggc	tgggtcccagg	gacccagtga	gaaaatacac	780

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<210> 908
<211> 2098
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (29)...(860)
<223> similar to gi311817 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 908
gcgcccgcgg acatgtgcag gatgtccttc aagaaggaaa ctccacttgc caatgctgca    60
ttctggggcag ccaggagagg aaacctggcg ctgctgaagc tgctgttgaa cagcggcccg    120
gtggacgtgg actgcagaga cagccatggc accacactcc tgatggttgc tgcctacgct    180
ggccacatag actgtgtgag ggaactgggt ctgcaaggag cagacatcaa tctccagaga    240
gagtcaggta caactgccct attctttgcc gccagcaag gccataatga tgtcgtgaga    300
tttctctttg gatttggagc atccactgaa tttaggacca aagacggggg caccgccctg    360
ttggctgcca gtcagtacgg gcacatgcag gtggtggaga ccttgctgaa gcacggagca    420
aacatccatg accaacttta tgatggagcc actgccctct tcctagctgc ccaagggtgt    480
tacttggatg ttattcgatt actgctggct tcaggagcaa aagtcaacca gccaaaggcag    540
gacgggacag cgccccctgtg gatcgcgctc cagatggggc acagcgagggt ggtgcgggtg    600
atgctgctgc gcggagccga ccgcgacgct gcgcggaacg atggcacaac agcattattg    660
aaagcagcca acaaagggtg taatgatgtc ataaaagagt tgcttaaatt ctccccact    720
cttggtattt tgaagaatgg gacatcagcg ctccatgcag cagtgtctcag tggaaacatt    780
aaaacagttg cgctgctcct agaagcaggg gcagacccat ccctgagaaa caaggccaat    840
gaacttccgg cagaactaac caaaaatgaa cgtatatgtc gtctcctgag aagtaaagaa    900
ggtccagaaa agagctaact tagctccata tttgacagaa agatagaaag cttaaccaca    960
ttgtccaaaa agaaattgca tttcaagcag tgttggaaat tcttttatga aaaaaaaga   1020
tgcccagaat gcccatcctg tgggtccctg acaaagaaga gctacgctct gtgcacgaag   1080
tcaagaacca aacagctcag ggaccctctt gccccctcac catggacttc tcatggtgtc   1140
ctgtaactca tctcccgggg ggccctggcat gttcacagat tccacagaaa ctcattttca   1200
acaatgctaa cttggacctg tcagttaaac tctaagggtg acagggttct cagtactaag   1260
caaggaaaca gaatgctttg ttcttttaaa agactgaaaa gctgaccttc aatggattga   1320
ggcacttttg cttttgtgtt aaatgtagat gtgctaaaaat atatagatct atcatatttt   1380
acctacatat gtatgtcatt ccagtataaa acattctcct ctaccaaga accatagcca   1440
tgattgttat aaatcaatga agtgtaaaca tacattatta aaaaaccact tctgacattc   1500
cattatgtgc tattcaaaga tggactattg aactatagaa aagacagact gtgcatttgt   1560
tcgttagtcc tcatcttatt cctgacatgt aaaaatcaat tttacgtaga gtcaacattg   1620
taggtagggt aaaataccag tggcaaatgt ggaattcag aaacttataa accacgagaa   1680
atatataggc ttgtctcttt ggtcttttat tttggctcta ttgttgggaa tctatttctt   1740
attccataag taagtatacc taacatgctg tggaatcttg agtttccaac accgtgctgc   1800
ttgatagaat gactttgagg tccttggata aaatgtgata tatgcaagta cagtatgttg   1860
ctattactat tgcaggaata taaataataa aagactgtta ttagcactta gtaagtcttc   1920
atctatgcat gtttttgagt tgactgattc caagaatgaa atatgagggt tattgaatta   1980
ttcctttgaa agggatcaaa acttatattc aatgcacttt ataattaatg gtgtctaaat   2040
gcctcagtca gtgcctaact gcacatacaa aaataaaacc ttctttctgt aatctacc   2098

```

```

<210> 909
<211> 1407
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1408)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (299)...(1240)
<223> similar to gi5689523 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 909
tttcgtggaa aagaaggtgg acgtggacaa gcgtgggctg ggagtgaccg accataatgg      60
aatggccgcc aagcccctcg gctgccgccc gccaatctcc aaagagtctt ccgtggaccg      120
ccccaccttt cttgacaagg atggcggcct cgtggaagag cccacgcctt caccgttctt      180
gccttcccca agcctgaagc tccccctttc acacagtgca ctccccagtc aggccctggg      240
tgggattgcc tccgggctgg gcatgcaaaa cttgaattct tctagacaga taccgagtgg      300
caatctgggt atgtttggca atagtggagc agcacaagcc aggaccatgc agcagccgcc      360
acagccacca gtgcagcctc ttaactcttc ccagcccagt ctccgtgctc aagtgcctca      420
gtttctatcc cctcagggtc aagcacagct tttgcagttt gcagcaaaaa acattgggtct      480
caaccctgca ctattaacct cgccaattaa tcctcaacat atgacgatgt tgaaccagct      540
ctatcagctg cagctggcat accaacgttt acaaatccag cagcagatgt tacaggccca      600
gcgtaatgtg tccggatcca tgagacaaca ggagcagcaa gttgcgcgca caatcactaa      660
tctgcagcag cagatccagc agcaccagcg ccagctggcc caggccctgc tcgtgaagca      720
gccaccaccg aactgcccc cgccgcacct gtctctgcac ccctctgcag gcaaatcggc      780
catggacagc ttccctcgca cccacagact cccggcctac ctgacctgca gaccaaagag      840
cagcagtctt caccacaacac ctttgctcct taccctctcg ctggactgaa cccaaacatg      900
aatgtcaaca gcatggacat gaccgggtggc ttgtcgggtga aggacccatc ccagtcccag      960
tcacgcctcc cccagtggac gcaccccaac tccatggata acttgcccag tgccgcttcc     1020
cccctggagc agaaccctag caagcatggt gctatccctg gaggtctaag cattgggcct     1080
ccaggtaagt cctccattga tgactcctat ggccggtagc atttaatcca gaacagtgag     1140
tcaccagcca gtccctcccg agctgttccc catagctggg cacgtgccaa atctgacagt     1200
gataaaatct caaatggctc tagcatcaac tggccccccag gtaagacat gcaacacttc     1260
tgtgcaacag cagcaggtca gaatgtgctc caagcctgca gagagtgatt aggctgagag     1320
gaccagaat ctgagctaag gatctggaag cgtaaagccc agantttgna ttttcttggg     1380
atccattgna gtcaatttgg gtatgggt                                     1407

```

```

<210> 910
<211> 618
<212> DNA
<213> Homo sapiens

```



tacagctcaa	cgccaactcc	atcaatgggg	atgggcccac	tgtggcccga	gaggtggagt	960
actgcacggc	cagtggggagc	tggaatgacc	ggcagccagt	cgattccacg	agctataaaa	1020
ttggacacct	tgaccagat	acagaatatg	agattagtgt	gctcctgacc	aggccagggg	1080
agggtggcac	tggctctcct	ggtccagctc	tcaggacaag	aacaaagtgt	gctgatccca	1140
tgcgaggccc	aagaaaaacta	gaagtagtgg	aggtcaaadc	tcggcaaadc	actatccgct	1200
gggagccatt	tggatataat	gtaactcgtt	gccacagtta	taatctcact	gtccactact	1260
gttaccaagt	tggaggacaa	gaacaagtgc	gagaagaagt	aagctgggat	acagaaaatt	1320
cacaccctca	acacacgac	actaacctgt	caccatacac	caatgtcagt	gtgaaactga	1380
tcctcatgaa	cccagagggc	cggaaaggaaa	gccaagaact	catagtgcag	acagatgaag	1440
acctcccagg	tgctgttccc	actgaatcca	tacaagggaag	tacctttgaa	gagaagatat	1500
ttcttcagtg	gagagaacca	actcaaacat	atggtgtaat	cactttatat	gagatcacct	1560
acaaagcagt	cagttccttt	gaccagaaa	tagatttatc	caatcagagt	ggaagagttt	1620
caaagctggg	aaatgaaacc	cattttctgt	tttttggact	gtatccgggg	accacatact	1680
cctttaccat	ccgagctagc	acagctaagg	gttttgggcc	tccagcaaca	aaccagttca	1740
ccaccaaata	atcagcacc	tctatgccag	cttatgaaact	tgagacacct	ttgaatcaaa	1800
ctgacaatac	cgtgacagtc	atgctgaaac	ctgcccacag	cagaggagca	cctgtcagtg	1860
tctatcaaat	agttgttgag	gaagaacgtc	ctcgaagaac	taaaaagacg	acagaaatct	1920
taaagtgcta	cccagtgcca	attcacttcc	agaatgcttc	tctgctgaac	tcacagtact	1980
actttgctgc	agaatttcc	gcagacagcc	tccaagctgc	gcagcctttt	acaattgggtg	2040
ataataagac	atataatgga	tactggaaca	ctcccccttct	cccctataaaa	agctacagaa	2100
tttattttcca	agctgctagt	agagccaatg	gggaaaccaa	aatagactgt	gtccaagtgg	2160
ccacaaaagg	agctgccact	ccgaaaccag	tcccagaacc	cgagaaacag	acagaccata	2220
cagttaaaat	tgctggagtc	atcgcgggca	tcttgctgtt	cgtgattata	tttcttgag	2280
ttgtgttggt	aatgaagaaa	aggctttaca	agcatggtgc	cagcatctgt	tcagcttctg	2340
gtgaggcctc	aggaaagcttc	caatcatgga	ggaaggcaaa	gcacaagcag	gcgtgtccca	2400
tggcaagagc	aggagcacga	gagcgagcgg	gaggggtgtct	caaactttga	aacaacca	2458

<210> 912

<211> 457

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(458)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (130)...(382)

<223> similar to gill136743 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 912

aatagactgc	gtaacctacg	ccanngcgng	gaattcgtca	gcttctgcag	ctctcccggg	60
ctagcatggc	agcgcggaag	agttggacgg	ccctgcggct	ctgcgccaca	gttggtgtac	120
ttgatatggt	cgtctgtaaa	ggatttgtac	aagatttaga	tgaatcgttt	aaagaaaadc	180
gaaatgatga	catttggcct	gtacattttt	atgcgccatg	gtgtggccat	tgtaaaaagc	240
tggaaaccaat	ttggaatgaa	gctggctctg	agatgaaaag	cattggttct	ccagttaagg	300
ctggaaagat	ggatgctact	tcctattcta	gcattgcttc	agagtttgga	gttcgaggtt	360

```

atccaacaat taagctggct ctaattcggc cacttccaag tcaacaaatg tttgaacata 420
tgcacaagag acaccgcgta tttttcgttt atgtaag 457

```

```

<210> 913
<211> 866
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(860)
<223> similar to gil562534 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 913
cctgcgagca ctccggcgag gccaaaggcct tccaggacta tatttgctgc agccgcccc 60
agccccgtta tggggagtat ggccccaggt gacacaatgg ccgcaggctc catggcggct 120
ggcttcttcc agggcccccc cggtccccag ccgtcccccc acaaccccaa tgcccccatg 180
atggggcctc acggtcagcc cttcatgtca ccgcgcttcc caggggggcc ccggccccacc 240
ctgcggatgc cgagtcagcc tcccgcaggc ctccctggtt cccagccccct cctccctggc 300
gccatggagc cctccccacg agcccagggg catccgagca tgggcgggcc aatgcagagg 360
gtgacgcctc ctcgtagcat ggccagcgtg gggccccaga gctatggagg tggcatgcga 420
ccccaccca actccctcgc cggcccaggc ctgcctgcca tgaacatggg cccaggagtt 480
cgtggcccggt gggccagccc cagtggaaac tcgatccctt actcctcctc atcccccggc 540
agctacaccg gacccccagg aggaggtggg ccccttgga caccatcat gcctagccct 600
ggagattcca ccaactccag cgaaaacatg tacactatca tgaaccccat cgggcagggc 660
gccggcaggg ctaatttccc cgctcggccc tggcccggag ggccccatgg ccgcctatga 720
gcgcgtatgg agcctacca cgtgaacgga tccctgggct cgggcgacat ggacgggttt 780
gccgagagag ttccccagg cgccagtggc cggcctgagc aacgccccgg cccaccctgc 840
gggacgacgg cgagatggcg gccgca 866

```

```

<210> 914
<211> 590
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (6)...(592)
<223> similar to gil850098 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 914

```







<223> similar to gi625042 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 918

ggaacagatg	aaacaaatga	cagtttggtg	gctccacagg	aaaaacaggt	tcataaaagc	60
atcttgccaa	acagcttagg	agtgtctgaa	agattgcaga	ggttgacttt	tcctgcagtg	120
agtgtaaaag	tgaatgggtc	tgaccagggt	cagaatccac	ccctggactt	ggagaccaca	180
gcaagattta	gagtggaaac	tcacacccaa	aaaaccatag	gcggaaatgt	gacaaaagaa	240
aagcccccat	ctctgattgt	tccactggaa	agccagatga	caaaagaaaa	gaaaatcaca	300
gggaaagaaa	aagagaacag	tataatggag	gaaaatgctg	aaaatcacat	aggcgttact	360
gaagtgttac	ttggaagaaa	gctgcagcat	tacacagata	gttacttggg	ctttttgcca	420
tgggagaaaa	aaa					433

<210> 919

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4)...(442)

<223> similar to gi56286 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 919

ggcaatcaga	aatgcacgag	gaacaaccac	cgcattctct	ccctgctctg	cgacccccag	60
gaaggctacc	tccagatgct	gcagatctcc	aacctctatc	tgtatgacag	tgttctgatg	120
ctggccaacg	cctttcacag	gaagctggag	gaccggaagt	ggcataacat	ggcgagcctc	180
aactgcatac	ggaaatccac	taagccatgg	aatggtggga	ggtccatgct	ggataccatc	240
aaaaagggcc	acatcactgg	cctcactggg	gtgatggagt	ttcgggagga	cagttcgaat	300
ccctatgtcc	agtttgaaat	ccttggcact	acctatagtg	agactcttgg	aagagccttt	360
cgtgatgggtg	gctgagaaca	tcctaggaca	gccccagcgc	tacaaagggg	tctccataga	420
tgtcctggat	gcactggcca					440

<210> 920

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (162)...(739)

<223> similar to gi488555 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 920
gggCGgaccc agattccaga aacaaggaag aggaaagaca aagggatggg acgggagccc      60
tggagaagcc cgaccctgtg gccgcegggt ctccctgggct gaaggctccc caagccccct      120
ttgccgggtt ggagcagctg tccaaggccc ggcgccggag tcgccccgcg ttttttgccc      180
acccccctgt ccccgagct gaccagcgtc acggctgcta cgtgtgcggg aagagcttcg      240
cctggcgctc cacactgggt gagcacattt acagccacag gggcgagaag cccttccact      300
gcgcagactg cggcaagggc ttcggccacg cttcctccct gagcaaacac cgggccatcc      360
atcgtgggga gcggccccac cgctgtctgg agtgtggccg ggccttcacg cagcgctcgg      420
cgctgacttc gcacctgcgc gtccacaccg gcgagaaacc ctatggctgc gccgactgtg      480
gccgcgcgtt cagccagagc tctgccctct accagaccg gcgcgtgcac agcggcgaga      540
cccccttccc ctgcccggac tgtggccgcg ctttcgccta cccctcgga cctgcggcgc      600
cacgtgcgca cccacaccgg cgagaagccc taccctgtgc cggactgcgg gcgctgcttc      660
cgccagagct cggagatgcc agcccacagg cgcaccaca gcggcgagaa gccctacccc      720
tgcccgcagt gcggccgc
```

```
<210> 921
<211> 1948
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(1725)
<223> similar to gil657837 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 921
acttcaccaa tgaagcccc ccagctcctc tcccagacgc ctcggttcc cccctgtctc      60
cacaccgaag agccaagtca ctggacagga ggtccacgga gccctccgtg acgcccagacc      120
tgctgaattt caagaaaggc tggctgacta agcagtatga ggacggccag tggaaagaaac      180
actggtttgc ctcgccgat caaagcctga gatactacag ggattcagtg gctgaggagg      240
cagccgactt ggatggagaa attgacttgt ccgcatgtta cgatgtcaca gagtatccag      300
ttcagagaaa ctatggcttc cagatacata caaaggaggg cgagtttacc ctgtcggcca      360
tgacatctgg gattcggcgg aactggatcc agaccatcat gaagcacgtg cacccgacca      420
ctgccccgga tgtgaccagc tcgttgccag aggaaaaaaa caagagcagc tgctcttttg      480
agacctggcc gaggcctact gagaagcaag aggcagagct gggggagccg gaccctgagc      540
agaagaggag ccgcgcacgg gagccggagg cgagagggcc gctccaagac ctttgactgg      600
gctgagttcc gtcccatcca gcaggccctg gctcaggagc gggtgggcgg cgtggggcct      660
gctgacaccc acgagcccct ggcgccctga ggcggagcat ggggagctgg agcgggagcg      720
tgcacggagg cgggaggagc gccgcaagcg cttcgggatg ctcgacgcca cagacgggcc      780
aggcactgag gatgcagccc tgcgcatgga ggtggaccgg agcccagggc tgcctatgag      840
cgacctcaaa acgcataacg tccacgtgga gattgagcag cggtggcatc aggtggagac      900
cacacctctc cgggaagaga agcaggtgcc catcgcccc gtccacctgt cttctgaaga      960
tgggggtgac cggctctcca cacacgagct gacctctctg ctcgagaagg agctggagca     1020
gagccagaag gaggcctcag accttctgga gcagaaccgg ctccctgcagg accagctgag     1080
```





```
tctccacag cctctgtaaa tcttggtgat ccaggctcta caaggcgggc tcagattcct 840
gaaggagatt atttatcata cagagagttc cactcagcgg gaagaactcc tccaatgatg 900
ccaggatcac agagaccctt ttctgcacga acatacagca tagatgggtcc aaatgcatca 960
agacctcaga gtgctcgacc ctctattaat gaaataccag agagaactat gtcagttagt 1020
gatttcaatt attcacggac tagtccttc 1049
```

```
<210> 925
<211> 503
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(351)
<223> similar to gill109849 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 925
gcggccgcca ctagecgtgg ggcgcttgga gagccgtcgc cggcgtgtgt gctgggacgc 60
agcgtgcccc aggcggctgt ccccgtagag cccctggcgc tgcacctggc gcacaaggcg 120
cgtgggcccc ggggcccttt cggcggggag ccgccaccgc caccgccgcc gccgtcgccg 180
ttgccgcgtg tgctgcggga tccgccggcc gaggacgccc gggaagaggt ggcagctggc 240
cctgcggaag agcggcagcc gccgctgctg ccgcctaagg gaaatccctg gacaaaaaag 300
cctccccagc acctgtcccc agacacgaca ggtccgccac cgcccccgct ggaaaccctg 360
gaggcagaat tcggttccct caaaattata aaagcaggaa agctcaagac aaagaaatcc 420
aacaaggcta gtgatttcag tgatatggag aattggccaa caccaagtga attagtgaac 480
actggatttc agagcgtcct cag 503
```

```
<210> 926
<211> 837
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (16)...(426)
<223> similar to gi3403236 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 926
ctcaagaccg aatccttcaa gccatgggaa acatcgcaact ggcctttcat ttgctggggg 60
agcgagccag ccctaactcc ttctggcagc cctatattca aaccctcccc agggaatatg 120
acactcctct ctactttgaa gaagatgaag ttcggtatct tcagtccaca caagctatac 180
```

atgatgtctt	cagccagtat	aaaaacacag	ctcgacagta	cgctacttc	tataaagtca	240
tccagaccca	tcctcatgcc	aacaaactac	ccttgaagga	ttctttcact	tacgaggact	300
acaggtgggc	agtctcttct	gttatgacga	ggcaaaacca	aattcccaca	gaggatgggt	360
cccgcgtgac	cctggctctg	attcctttat	gggatatgtg	taaccacacc	aacggcctga	420
caccagaaga	ttccttcgct	cttgctgtcg	cctctgccta	agaccctcca	ttccttaggc	480
acttacggga	ctcactcata	gacctcctcc	agcgtggctg	ccctgagcac	cctatgtgga	540
atgactacgc	ctccagctca	tccgccctcc	tgccctgtcc	tgttacattt	ccctctattg	600
tccagatccg	cttgtttctg	cctttttaaa	aaattattgt	tggttcaccc	ccccgcctcc	660
cattagaatg	gaagatccat	gaacgcaggg	tgattttggg	ggaggggtctg	ttttgtcat	720
tgctatatcg	ctgtggtttt	taatgaattc	atgactggta	aataaatgac	tgtaaaagcc	780
ccatgcctag	gaaaaaagat	cagaaaagaa	taaacaaaa	tgtaaacgtg	aaaaaaa	837

<210> 927  
 <211> 2197  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(2195)  
 <223> similar to gi2094864 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 927						
gaaaatctgc	agccctggga	ttggcgattg	ctggggcggt	ggcatttggt	tactccaata	60
tctttgttac	ctccccaagc	cctgataacc	tccatactct	gtttgaattt	gtatttaaag	120
gatttgatgc	tctgcaatat	caggaacatc	tggattatga	gattatccag	tctctaaatc	180
ctgaatttaa	caaagcagtg	atcagagtga	atgtatttcg	agaacacagg	cagactattc	240
agtatataca	tcctgcagat	gctgtgaagc	tgggccaggc	tgaactagtt	gtgattgatg	300
aagctgccgc	catccccctc	cccttggtga	agagcctact	tggccccctac	cttgttttca	360
tggcatccac	catcaatggc	tatgagggca	ctggccggtc	actgtccctc	aagctaattc	420
agcagctccg	tcaacagagc	gccagagacc	aggtcagcac	cactgctgag	aataagaccg	480
cgaccgacag	ccagattggc	atcagcgcg	acactgcatg	aggtttccct	ccaggagtca	540
atccgatacg	cccctgggga	ctgcaagtgg	aagaagtggc	tgaatgactt	ggctgtgcct	600
gggaattgcc	ttcaacaatc	actccggata	agttctcaag	gcttgccccc	tttgccctgaa	660
gcttgatgaac	tgtactatgt	taatagagat	accctctttt	gctaccacaa	ggcctctgaa	720
gttttcctcc	aacggcttat	ggccctctac	gtggtttctc	actacaagaa	ctctcccaat	780
gatctccaga	tgctctccga	tgcacctgct	caccatctct	tctgccttct	gcctcctgtg	840
ccccccaccc	agaatgccct	tccagaagtg	cttgctgtta	tccagggtgtg	ccttgaaggg	900
gagattttct	gccagtccat	cttgaacagt	ctgtctcgag	gcaagaaggc	ttcaggggac	960
ctgattccat	ggacagtgtc	agaacagttc	caagatccag	actttggtgg	tctgtctggt	1020
ggaaggggtcg	ttcgcattgc	tgttcaccga	gattatcaag	ggatgggcta	tggcagccgt	1080
gctctgcagc	tgctgcagat	gtactatgaa	ggcagggttc	cttgtctgga	ggaaaagggtc	1140
cttgagacac	cacaggaaat	tcacaccgta	agcagcgagg	ctgtcagctt	gttggaagag	1200
gtcatcactc	cccgggaagg	cctgcctcct	ttactcctca	aattgaatga	gaggcctgcc	1260
gaacgcctgg	attacctggg	tgtttcctat	ggcttgaccc	ccaggctcct	caagttctgg	1320
aaacgagctg	gatttggtcc	tgtttatctg	agacagaccc	cgaatgacct	gaccggagag	1380
cactcgtgca	tcatgctgaa	gacgctcact	gatgaggatg	aggctgacca	gggaggctgg	1440
cttgacgcct	tctggaaaaga	ttccgcagcg	cgggttcctag	ccttgctctc	ctaccagggtc	1500
agtaccttct	ctccttccct	ggctctgaac	atcattcaca	acaggaacat	ggggaagcca	1560

gcccagcctg	ccctgagccg	ggaggagctg	gaagcactct	tcctccccta	tgacctgaag	1620
cggctggaga	tgtattcacg	gaatatggtg	gactatcacc	tcattcatgga	catgatcccc	1680
gccatctctc	gcatctatct	cctgaaccag	ctgggggacc	tggccctgtc	tgcggctcag	1740
tgggtctctc	tcttggggat	tggcctgcag	cataagtctg	tggaccagct	ggaaaaggag	1800
attgagctgc	cctcggggcca	gttgatggga	cttttcaacc	ggatcatccg	caaagtgtgt	1860
aagctattta	atgaagttca	ggaaaaggcc	attgaggagc	agatggtggc	agcgaaggat	1920
gtggtcatgg	agcccacgat	gaagaccctc	agtgacgacc	tagatgaagc	agcaaaggaa	1980
tttcaggaga	aacacaagaa	ggaagtaggg	aagctgaaga	gcatggacct	ctctgaatac	2040
ataatccgtg	gggacgatga	agagtggaa	gaagttttga	acaaagctgg	gccgaacgcc	2100
tcgatcatca	gcctgaaaag	tgacaagaaa	aggaaagttg	aggccaaaaca	agaacccaaa	2160
cagagcaaga	agttgaagaa	cagagagaca	aagaaca			2197

<210> 928  
 <211> 792  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (119)...(792)  
 <223> similar to gi2358281 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 928	
gttggtgctc	tctggaagac cacatccttc cctagaaaagg agattagttt tggtttgga 60
agaggctctg	tgttggggga gtttctccag ctcccctgga actcctgtct ctcccctaca 120
gaaggatctg	aagagctggg tccaagggaa cctcactgcc tgtggccgct ccctcttcct 180
cttcgatgag	atggacaaga tgccccagg cctgatggaa gtccctgcggc ctttctctggg 240
ctcctcctgg	gtggtatacg ggaccaatta ccgcaaagcc atcttcatct tcatcagggtg 300
gggcccggct	ttgcagtggg cacagtgggg gggccacttc tcagaggttc agctctacag 360
ccttagcctg	tgctcccagc agaatccagt tcccctatggg cttagctggg ctttcccagt 420
gccctccgcc	actctcagag atgacattgt cattccgcct gggtgatttc cctttggaca 480
ttctcagcaa	attctgggct cagtcttttt gatcgccact tctttgtgga agccctgccca 540
ggtcaagaag	ttttccctct tttgtggtga ggaggacaca ggcctgggaa aaataggaac 600
agagttcttg	tccttttagtc ccagctctca gaatcctcgc tgtgtttcct caggcagcat 660
ggctccgcct	ctctgagcct ctgtctctgc ttctgaacag cggggccaat aatgatgccc 720
cgatgccttc	ctggaagtgc agtgagggaa agtcagttga gggacacaaa agtgttttgt 780
aaactataaa	gt 792

<210> 929  
 <211> 888  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(889)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc\_feature  
 <222> (3)...(592)  
 <223> similar to gi4929647 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 929

gcggccgcct	catgctggcc	ggccacggcg	gcgtcttcgc	gctcacgctg	ctgctcatcc	60
tcaccaccac	cggcctcttc	ttcgtctttg	actgtcccta	cctggctcgc	aagctgaccc	120
ttgccatccc	catcatcgct	gccatcctct	tcttcttcgt	catgagctgc	ctgctgcaga	180
caagcttcac	cgaccctggg	atcctgcccc	gggccactgt	ctgtgaagca	gccgccctgg	240
agaaacagat	cgacaacaca	ggcagttcta	cataccggcc	acccctcggg	acccgggagg	300
tgctgatcaa	cgggcagatg	gtgaagctga	agtactgctt	cacctgcaag	atgttccggc	360
caccccgaa	ctcacactgc	agtgtctgcg	acaactgtgt	ggaacgattt	gaccatcact	420
gccccctggg	tgggcaactg	tgtggggaga	cggaactatc	gcttcttcta	cacgtttatt	480
ctctccctct	cattcctgac	ggccttcatc	ttcgctgtg	tggtcaccca	cctgacgttg	540
cgtgagttgt	gggtgagggc	agtggggagt	ggaaggggtc	agccagcaag	ctcaagggtc	600
agcaagcttc	agcagtcact	gtccctctga	gcttgctctc	tcctgtttct	ttctccccag	660
gcgctcaggg	aagcaacttc	ctctccactc	tgaaggagac	accagcaaga	tatcctttgt	720
cagctagagg	acactccagt	gggaactgag	gtcccttcac	tgggtgggtg	ccctgcctca	780
tcctctaata	agaagggaac	agcgtacagc	tcacatgtgt	cctccagaat	ccaacatgcc	840
agctcttctg	ttcacaccca	ggcaagagct	gatcctatat	ggngcatt		888

<210> 930  
 <211> 1991  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(279)  
 <223> similar to gi5327035 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 930

agacgctgca	ggaattcggc	acgaggcgca	tttcggcaag	ttggagtgt	tagtgcagtt	60
gggtgagagc	ggagctctca	ctcttcgtct	ccaccacacg	gtacgcgcag	acgccagcgc	120
cacattgcag	cctttggggg	acatcctcag	tgcttggtct	ggctgattca	agcaggagcc	180
aacattaaca	aaccggattg	tgagggtgaa	actcccattc	acaaggcagc	tcgctctggg	240
agcctagaat	gcatcagtcg	ccttgtggcg	aatggggctc	acgtcgataa	ccccaaagaa	300
ggcatcaggg	ttctggagtg	gttggttgag	tgacacagca	caaggccttg	atttcatcat	360
gcttttgctg	tggatgtagt	gtagcttgct	gaacagggtat	ggaagctgtc	tttgctgtta	420
agtacttctc	cggtttggtt	atcaacctgc	agctaacagg	atgtctgctt	ttttacaggt	480
ttatttcaca	gagcagtgta	cattcttgct	ttccagggga	acttcaacat	ggagttactt	540



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ttgatccctc agttttaatt cagtgtctaa aggtttacaa gttcaactta ctctatttta 600
ttcagctctt tcacttactc tgccatcact tcctacttga atctgagttt tagctactgt 660
agaggtctca gacctttcct ttttagtact attagccagg taaaactttg gttcttgtga 720
gtggtaggga tgagttttta ggacagtatt caaagccttt ttaaaggaac caactactca 780
aatgctctac aatgccaaaa atacaatact cctgcagggt ttcccaagca aggccaaaaac 840
aatcaaaatc tgacagaaaa acacagctgt tcagctctgg aatctgatga taggctactt 900
tttaatgtca ggacatcctt ctaaaacttcc acttacagtg tcacatgtaa gcatgaaggc 960
tggctcgttg gtgagccatt gctttgtttt taggaagaca gttatgaatg ccatggacaa 1020
tctcagtaca tgttgtttgt tatgatttta ttcacgctaa aggaatgggt attaaaatta 1080
agtgcataata atatagaatt cagtttcaag tctgaagtta gcgtaaatat agattcttca 1140
gactaacata aaacatgatt ttgagaagtt aaataggaag atgccttttt tagaagttta 1200
gcatatttag tttatctccc aaatcttgct tagaaatcaa atgtatataa gagaagtttag 1260
ttacagagct agattgatta actacttctt taatgaagat ttgctatgaa tttgtttact 1320
ctttcatacc accttcagat agctagtcag ttcagcagga gcagagacca ggtagcacg 1380
cggatggggg gtaattcagt gtttttgtgt tgtacagcct gagaaatgcc agtggcctga 1440
cagcagcaga cattgcacaa acccagggtt tccaagagtg tgcccagttt ctcttgaacc 1500
tccagaattg tcatctgaac catttctata acaatggcat cttaaaggg ggatcatcaga 1560
atgtatttcc taatcatatt agtgtgggaa caaatcgaaa gagatgcttg gaagactcag 1620
aagacttttg agtaaagaaa gctagaactg aaggtagagc cgctttgcgg gtgggaagag 1680
cacacttatt tttcctttct gtaatatgtt ttctttttat ggctgagcgc accttcgaga 1740
tgagaccttc acttcaggtg gtaatgcgcc tgggtgattg tgcggtgacg gtggagattt 1800
ctcctgtact gccactgcga agatgggact taacaaaagg gaatgtgagg gaaatactga 1860
tggcccaagt gtaaattgtct atgtggaact ttttgagcac ccatgtttac ctgccgtgaa 1920
ttagattttt taatttgttg tatctgtttg aaatatatct attaaaaaaa atctgccact 1980
gaaaaaaaaa a 1991

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<210> 931
<211> 590
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(592)
<223> similar to gi3135309 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 931
gcagagcggg ccctagagga ggccgtggcc accgggaccc tgaaccttgt ctaaccggcg 60
cttgaagcac ttccccggg gcgcggcccg tagctacgac ctgtcagaca tcaccaggc 120
tgacctgtcc cggaaccggg ttcccagggt gcccgaggcg gcgtgccagc tgggtgtccct 180
ggagggcctg agcctctacc acaattgcct gagatgcctg aaccagcct tggggaatct 240
cacagccctc acctacctca acctcagccg aaaccagctg tcgctgctgc caccctacat 300
ctgccagctg cccctgaggg tcctcatcgt cagcaacaac aagctgggag ccctgcccc 360
tgacatcggc accctgggaa gcctgcgaca gcttgacgtg agcagcaacg agctccaatc 420
cctgccctcg gaactgtgtg gcctctcttc cctgcgggac ctcaatgtcc ggaggaacca 480
gctcagtagc ctgccgaag agctggggga cctccctctg gtccgcctgg atttctctcg 540
taaccgcgtc tcccgaatcc cagtctcctt ctgccgcctg aggcacctgc 590

```



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caggaaagca ggtgacatca gcaggtggag gtggagaaaa tggagtgttg ggccctcggc 660
cctcggagca gcgcttcctg catcgtctga gccggctgac ttcagggggg ccaggtgggt 720
aactgtgtcc tttgggtcttg gttgtccggc gcaacttgga gaaagactca aatatgggtg 780
ggactgcccc ctccctttagc ctgtgatata cactgattcc caccagctca aagcagtcct 840
cctcaaagtg tttggagcag aagtagatgt actcggatgc cgggtcccac aggccctggc 900
cgctgggggtc cagccgctgg cagttggcca gccacaagcc tcgcctcggg ttgtccttct 960
tgggaagtct gtggaaggag atgccgcggt tgcgcgtctc gcgcgtgtcc cgtgtgcagc 1020
agccggcggc ggagcagtga cgcggcatgc tctggccatt g 1061

```

```

<210> 934
<211> 1353
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1354)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (53)...(1074)
<223> similar to gi4468339 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 934
ggaggcagcc ctgaccgact taagggttca ggcgcggtcc cagcccggga cgatgtccat 60
cggcacggag aaccgtggct ctgggctgtc cgcagtggcc gtccaggagg tcatctcaga 120
tgtgtgggaa gtcaggctgg ccaacaggcc cggagggtctg gaggtgctgc tgaaccagga 180
ggtgctgagc ttaccgagc agagctggat ggacctgaaa ggaatgttcc tgtcgtggc 240
tgccggggac aggttctcca tcatgctggc atcaggggcc ggcttgagg tcagcgtgca 300
gggcccggtc ctgagtgtgt ccgtcctgct gcctgagaag ttctcacc acaccacgg 360
cctcctcggg aactcaaca acgacccac cgacgacttc accctgcaca gcgggcgcgt 420
cctgccccca ggcaccagtc cccaggagct gttcctgttt ggggccaact ggaccgtgca 480
caatgcgtcc tccctgctca cctacgattc ctggttcctg gtccacaact tcctgtacca 540
acccaagcac gacccacact tcgagccctt cttccccagt gagaccaccc tcaaccccag 600
cctggcacia gaggcagcca aactatgtgg ggacgatcat ttctgcaact ttgatgtggc 660
agccactggg agcctgagca cgggcactgc cactcgggtg gccaccagc tgcaccagcg 720
tcgcatgcag agcctgcagc cagtgggtgc ctgtggcttg ctggcccccac ctcccaacgg 780
acaaaaggag ggcaacaggt acctggcggg ttccaccatc tacttccact gtgacaacgg 840
ctacagcctg gccggggcag agaccagcac ctgccaggct gacggcacct ggtcctcacc 900
caccgcgaag tgccagccag gacgcagcta cgcggtgctg ttgggcatca tctttggggg 960
cctcgcggtg gtggcggcgg ttgcgctcgt ctatgtgctg ctgcgccgca ggaagggcaa 1020
cacgcacgtc tgggggtgcac agccctgatg ggagcagctt ggctgtgagc accaggccaa 1080
gactcctgag aacaggcagc ccagtcctgc gactcccgca tccccaggac cagacacctg 1140
ggacctggat acttgatacc tgggcattta accccctact ctgtcatctc agaccccagg 1200
caggaggccc agtgttccaa caccacaagc ccgtgctagc agcgatccgt gctcttcacc 1260
aaatactcac ggctctaatt ctcaanncnt gangaaatcg tcgaccggg anttccgna 1320
cagtcaccta tcgtacggct tccttggggg cca 1353

```

<210> 935  
 <211> 536  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(536)  
 <223> similar to gi5295850 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 935  
 gcctgtgtgt ctctgtgctt tgctccttct cctacctcca aaatggctgg actgcctccg 60  
 atccagttca tggctactgg ttcaggggca ggggaccatg taagccggaa cattccagtg 120  
 gccacaaaca acccagttcg agcagtgag gagagagactc gggaccgatt ccacctcctt 180  
 ggggacccac agaacaagga ttgtaccctg agcatcagag acaccagaga gagtgatgca 240  
 gggacatacg tcttttgtgt agagagagga aatatgaaat ggaattataa atatgaccag 300  
 ctctctgtga atgtgacagc gtcccaggac ctactgtcaa gatacaggct ggaggtgccca 360  
 gagtcggtga ctgtgcagga gggctctgtgt gtctctgtgc cctgcagtgt cctttacccc 420  
 cattacaact ggactgcctc tagccctgtt tatggatcct ggggtcaagga aggggccgat 480  
 ataccatggg atattccagt ggccacaaac accccaagtg gaaaagtgca agagga 536

<210> 936  
 <211> 690  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(691)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (268)...(551)  
 <223> similar to gi4768275 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 936  
 tttagtgcag tatcctgaat ttagattcac acagagtttt aaatagtttt atttaaaaat 60  
 tgggtggaggg aaaccataa tttgaataat ggagtctctt aaattcagtc tgaattggac 120  
 tgcttgacatt ggtctgtcag gtgataacta aatttccctt tcagttgggtc ctgttgaaac 180  
 ggaaccataa aatgactgtg atattactta tccaacataa gaaggaaatc agcattttat 240

ttacatttta	tccctgtttc	aatacacaaa	agcaactcca	aagtgaattg	tttgagattt	300
aaggtttgct	taactcttcc	caaccctttg	gcttttagat	ttgcttggaa	cggtagaaga	360
aatccttcca	agcctctcag	aaaatatcag	tgtttggggg	atgaaagatt	ctgttccaca	420
aggtgtaatt	tactcaaaag	aaaaactgag	cacctcacct	gatgagcccg	tgccacgcag	480
ccaccatggt	gtctcactcc	tcaagtctac	ttgtctttac	atttttacct	ctggaacaac	540
aggtatgatc	caattctttt	ggaaggctta	aaatgaatgg	cgaggaattt	ggcaaagcaa	600
cagtgttggg	gccaaatttc	taccctgtgt	tggtggacca	acctctggag	gatggctggt	660
tgcnaggagg	tgtaggggtc	ttcggggggt				690

<210> 937  
 <211> 243  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (8)...(231)  
 <223> similar to gi882451 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 937	
gatatcgaat	tccttgctgg atggcgcgct gaaggcgggt cttaacgaaa ttcgttctgt 60
gtcgctgggc	gtggcgcagc cggatgccta taaagacaaa gcgcgtaagg cagcgattga 120
taacgcgatt	catcaggcgc aggaactggc gaacggcttt catcgtaaac tggggccgggt 180
atatagcgtg	cgctaccatg ttctctccgt atggtctca tctgtccga gctcatttca 240
cca	243

<210> 938  
 <211> 827  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (337)...(757)  
 <223> similar to gil017779 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 938	
cttgttatcc	cagctacttg ggaggctgag gcaggagaat cacttgaatc ctggagggcg 60
gaggttgcag	tgagccgaga tcaagccact gcactccagc ctgggtgaca gactgagatc 120
ctgtgtgaaa	aaaacaaagt ttacatttta atttgatact catgatcatt cgatgggggtg 180
agtactatta	tttattcccg ttccacagat aaggaaactg aggcttaggc aggttgggtg 240



<222> (7)...(684)  
 <223> similar to gi2662151 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 940  
 tttcgtctgg gccgctgggg caactatggc cctgttgact gcttcgtcct ggccctctgac 60  
 tacctcaacg ccctggtgca cctcatcgag gttggcaatg gcctcgtcac cttccagctg 120  
 cgtggccttg agttccgggg cacttactgc cagcagcgcg aggtggaggc tatcaccgag 180  
 ggtgtggagg aggacgaggg ctggtgctgc tgtgaacctg gccacctgcc acgggtcctg 240  
 tccttcaatg ctgccttttg gcagcgctgg ctggcttgagg aggtaacagc cagcaagtac 300  
 gtgctggagg gctatagcat tagtgacaat aatgctgcct ccatgctgca ggttttcgac 360  
 ctccgcaaga tcctcatcac ctactatgtc aagagcatca tctactacgt gagccgctca 420  
 ccaaagctgg aggtgtggct cagccatgag ggcatcacgg cagccctgag gcctgtgcgg 480  
 gtgcccggct atgccgactc ggatcccacc ttctcgtgta gtgtggatga ggactatgac 540  
 ctccgctgt ctggcctctc gctgccctcc ttttgtgctg tgactcgagt ggatccagta 600  
 ctgcgcctcc cgcggccagc ccgtggacca ggattggaac tccccgctgg tcacgctgtg 660  
 ttttggcctg tgtgtgctgg gc 682

<210> 941  
 <211> 801  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (22)...(737)  
 <223> similar to gi930341 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 941  
 cccgggcccc cgattttgtg ggaggaagag atatcagaac tgaaagttaa ttttattcac 60  
 acggctgctt ctggaacatc tggagtgcct ggtgtccccg catgaacggg cactgcggat 120  
 gactgtgggtg aagcgccagg ccagtcacc ttccgggggtc tccagtgagg tggaggtgct 180  
 gaaggccctc aagtcactgt ttgagcacca caaggccctg gatgagaagg tgcgagagcg 240  
 gctccgggca gcgctggagc gagtcaccac cttggaggag cagctggcag gtgcccacca 300  
 gcagggtgtc gccctgcagc agggggcagg ggtgcgggat ggagcggcag aagaggaggg 360  
 gactgtggag ctggggccga aacgcctgtg gaaggaggat acgggcccgg tagaggagct 420  
 gcaggagctc ctggagaagc aaaactttga gttgagccag gcccgggagc gactggtcac 480  
 cctaacaaca accgtgactg aactcgagga ggacctgggc acggcccgcc gggacctcat 540  
 caagtcggag gagctgagca gcaagcatca gcgggacctc cgggaggctc tggcccagaa 600  
 ggaggacatg gaagagcgga ttactacact ggagaagcgc tacctggctg ctacgctga 660  
 ggcaacatcc atccatgacc tcaatgacaa gctggagaat gagctggcca acaaggagtc 720  
 cctgcaccgc caggtaacct ctcagggtgg ggtggggatg ggcatgttac ttagccctgg 780  
 aggtgtcctc gtgaacctac t 801

<210> 942  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(731)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (21)...(730)  
 <223> similar to gi2804429 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 942  
 ttggtcgacg atttcgtgcc cgccccatcc tcatcctcaa ggagactcgg cggctgccct 60  
 gggccactgg ctacgcagag gttatcaatg ccgggaagag cacacacaat gaagaccaag 120  
 ccagctgtga ggtgctcact gtgaagaaga aggcaggggc cgtgacctca accccaaaca 180  
 ggaactcatc caagagacgg tcctcccttc ccaatgggga agggctgcag ctgaaggaga 240  
 actcgggaatc cgagggtgtt tcctgccact attggtcgct gtttgacggg cacgcggggg 300  
 ccggggccgc ggtggtggcg tcacgcctgc tgcagcacca catcacggag cagctgcagg 360  
 acatcgtgga catcctgaag aactccgccg tcctgcccc tacctgcctg ggggaggagc 420  
 ctgagaacac gcccgccaac agccggactc tgaccgggc agcctccctg cgcgaggagg 480  
 tgggggcccc gggctcccc agcacgcccc ccacacgctt ttttaccgag aagaagattc 540  
 cccatgagtg cctgggtcatc ggagcgcttg aaagtgcatt caaggaaatg gtaggtattc 600  
 ctgggagtgct ggggcagcaa ggccaggctg gcgcctgcgc caaggctgtc cgtccttctc 660  
 ggagggctcc cagaaagcgc acngtgggtg tgcctggggt caccttgacc gccccctgtg 720  
 aaaatggggg 730

<210> 943  
 <211> 531  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(532)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (40)...(531)  
 <223> similar to gi3046861 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



```

<400> 943
tttcgtgctg gtgctgctgt gggcgctggg ggcccggttc cagggcagcc cccagcaggg      60
cacgatcgtg ggcgatgaggc tggcgagctg caacaagtgc tgtgggacga acccggatgg      120
catcatcttc gtgtccgagg gcagcacctg gaacctgagg ctgtacggct acagcctggg      180
caacatctcc agcaacctga tctccttcac cgagggtggac gatgccgaga ccctccacaa      240
gtccaccagc tgcctcgagc tcaccaagga cctggtcgtc cagcagctgg tcaacgtgag      300
ccgcgggaac acgtccggcg tgctgggtgt gctcaccaag ttcctccgga ggagcgagag      360
catgaagctg tatgcaactgt gcacccgggc ccagcccgac gggccctggc tgaagtggac      420
ggacaaggac tcaactgtct tcatggtgga ggagcctggg aggttcctgc ctctctggct      480
gcacattctc ctaattacgg ngctgctggt gctgtcgggc atattttctg g              531

```

```

<210> 944
<211> 774
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (291)...(774)
<223> similar to gi4063823 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 944
agcatgggct ggggtggggct ccccagctgc tgcggccagg acagcatctg cctctggttg      60
gaagcactcc cagaaagtcc aggctgcaga gaagcagcag gccctgcagc tgttctcagc      120
cctgccctgg tcagcatgga ttccctgcct ggtgctcagc cgagcccagc ctgcccctcc      180
ctgtttcagt cctggctttg actcaaactc tcagcttcca agtcctgatg ccctcaggcc      240
ctctgcccag gacatcagtg gtgcccaggc ctaccacagc ccccaggaa actcggaatg      300
atggggccta taccgtgctc cccagctcag ggctcatgg ctcccagccc ttcaccctgg      360
cagtgtttct ccgaggccgg gtcttcaaca ttcccatccg gcggctggat ggcggaagcc      420
actatgccct gggccgggag ggcagaaccg tgaggagctc tttctccgtg gcggccatgg      480
tcagcacttc atgtggcacc ctctgcccc tgtggacaga cacaacggca accgggactc      540
acctgcctgc tcttcccacc aagccttgag gccacaacga agaatgcagg tgtctgcca      600
gttcactagg ttctggatga aggaaccgtg gtggcctaga ccagtcaggg gacagcacag      660
gcaactgtgg acaacaaaag atcctctcac atctacttgt gggctagggc acccttagag      720
gactggctac ctgcaagtta cattcaataa acatttgttg aattaaaaaa aaaa              774

```

```

<210> 945
<211> 568
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (262)...(568)  
 <223> similar to gi21992 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 945  
 ctctgctgct caggctctgc tcaactcattt ggaaagagta gtatatatgc ttattgactt 60  
 tttcccttcc ctccgccaac acttccagga gatccgggtc gcccatcttc gccagctcgt 120  
 taatggcact ggtgcctgag aggagcagg agaggggcag ctgagacaga cgtggagatc 180  
 tgaggcagg gctgaatctg actgtgggcc gccggagttg ctgctgctgg acttctaagg 240  
 ggctgctctt ccttctgcag gcctcctcct cctcctcatt cccctcctcc ttctcctcct 300  
 cctcggactc caccgtctct gggcgccaca gccagccggc ctctcctctcc ggccgggtact 360  
 tccactcgac ccggtccccc acaacctgct tcgcgcgctt ggccctgcgc ttccccaccc 420  
 tcagccggta gcgctcctgg gcgctctccc agtacttctc caggcacctg tccctgtgcc 480  
 tgctcggcag ctgatccgc agccgccact cctcccggtg ctgccagaa tcctttccac 540  
 tcctgccctc tggcagcttt ccacgaaa 568

<210> 946  
 <211> 711  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (3)...(712)  
 <223> similar to gi4589642 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 946  
 ggaaaatagc agatttttggg ttcagtaacc tcttcaactcc tgggcagctg ctgaagacct 60  
 ggtgtggcag ccctccctat gctgcacctg aactctttga aggaaaagaa tatgatgggc 120  
 ccaaagtgga catctggagc cttggagttg tcctctacgt gcttgtgtgc ggtgccctgc 180  
 catttgatgg aagcacactg cagaatctgc gggcccgcgt gctgagtgga aagttccgca 240  
 tcccatTTTT tatgtccaca gaatgtgagc atttgatccg ccatatgttg gtgttagatc 300  
 ccaataagcg cctctccatg gagcagatct gcaagcaca gtggatgaag ctaggggacg 360  
 ccgatcccaa ctttgacagg ttaatagctg aatgccaca actaaaggaa gaaagacagg 420  
 tggacccctt gaatgaggat gtcctcttgg ccatggagga catgggactg gacaaagaac 480  
 agacactgca gtcattaaga tcagatgcct atgatcacta tagtgcaatc tacagcctgc 540  
 tgtgtgatcg acataagaga cataaaaccc tgcgtctcgg agcacttctt agcatgcccc 600  
 gagccctggg cctttcaagc accagtcaat atccaggcgg agcaggcagg tactgctatg 660  
 aacatcagcg ttccccagggt gcagctgatc aaccagaga accaaattgt g 711

<210> 947  
 <211> 768

**SECRET**

<400>	947						
cgccca	cggccggggag	cggagggggac	agcgggggatc	gtgagctccg	gcccgggcgga		60
gtgcgt	ctgccgcaga	gtcggcacct	gaaggacatg	gaggaaagac	cggcagagac		120
gccaat	gtggacaact	cggcgtcccc	ctcggtggcc	cagctggccg	ggcggtttag		180
caggcg	gctgcagcca	aggagacacc	agccagtaaa	ccaaccgaa	ggaaaccgcc		240
ccctc	cccctgttcc	ccccaaagg	agacctgggc	cagaatggtg	aggagaaatc		300
cccaat	gcgagccacc	ctcctaaatt	caaggtcaag	agctcgctc	tgattgagaa		360
caggcc	aatttaacct	ttgacccagc	tgctctactg	cctggggcct	cacccaagag		420
ggactc	aaggctatgg	tgtcgccatt	tcacagccca	ccttctaccc	ccagcagccc		480
gtgcga	tctaggccca	gcgaggcaga	ggaggtgctc	gtcagcttcg	accagccccc		540
ggcagt	catctgcctt	gttacaacaa	ggtaaattct	agctccagat	tatggcgggtg		600
cgtgga	aatgtgggca	ctggcacccc	tgaattttct	ctacctgtgt	gtcctggaga		660
aggaaa	cattcgagg	tactgtcaga	gctgcgtgtt	aaccacaagt	aaatttctcc		720
ctttgc	aaatgatccc	tgaactagga	tcaccttttt	cctcgacc			768

```
<210> 948
<211> 402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (19)...(402)
<223> similar to gi2197085 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

587

<210> 949  
 <211> 627  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (45)...(628)  
 <223> similar to gi3880922 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 949  
 cttgatgttt ttcacttgaa gacatthttga actthtttctt acagggtttc tctgctgggc 60  
 tgthttgcatt ctacatgat aaagatggaa atcctctcac ttcaagattt gcagatggcc 120  
 tcccaccttt taattatagt ctgggattat atcaatggag tgataaagta gttcgaaaag 180  
 tggagagatt atgggatgtt cgagataata agatagttcg tcacactgtg tatctcctgg 240  
 taacgcctcg tgttgthtgag gaagcacgaa aacatthttga ttgtccagtt ctagagggaa 300  
 tggaaactga aaatcaaggt ggtgtgggca ctgagctcaa ccattgggaa aaaaggthtat 360  
 tagagaatga agcagtgact ggttctcaca ctcagaatcg agtactctct cgaatcactc 420  
 tggcattaat ggaggacact gggagacaga tgctgagccc ttactgtgac acgctcagaa 480  
 gtaaccact gcagctaact tgcagacagg accagagagc agttgccgtg gtgtaatttg 540  
 cagaagthcc ctaagccttt accacaggaa taccagtact ttgatgaact cagtggaaata 600  
 cctgcagaag atthtgcctta ttatggg 627

<210> 950  
 <211> 885  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (43)...(885)  
 <223> similar to gi3893109 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 950  
 tttgggggat gggactgaga tagatthtccc ttatthtaatt tthtctccat cctgcagatt 60  
 tatgacctgt gtgttgatgc cttgagtcca accttctatt ttctcctgcc aagctcaaag 120  
 ataagagatg ttaccttctt tthcaatgag gagggaaaga acatcattgt tataatgtct 180  
 tcggctgggt acatctatac tcagcttatg gaagaggcca gcagtgccca gcagggaccc 240  
 ttctatgtca ctaatgtgtt ggaaatcaat catgaggacc tgaaggacag taacagccag 300  
 gtggcgggcg gtggtgtgtc cgtgtactac tcccacgtgt tgcagatgtt gthtcttcagc 360  
 tattgtcaag gcaaatcatt cgcagccacc atcagcagga caaccctgga ggtgttgcaa 420  
 ctcttcccca tcaacatcaa aagthtccaat ggtggcagta agactthtctc tgctctthtgc 480  
 cagtggctctg aggtgatgaa ccaccctggc ttggtgtgct gtgtccagca aactacaggg 540  
 gtgccgctgg tagthtatggt gaaaccagac actthtctta tccaggagat taagactctt 600

cctgctaaag	cgaagatcca	agacatgggt	gctatttaggc	acacggcctg	caatgagcag	660
cagcggacaa	caatgattct	gctgtgagag	gatggcagcc	tgcgcattta	catggccaac	720
gtggagaaca	cctcctactg	gctgcagcca	tccctgcagc	ccagcagtgt	catcagcatc	780
atgaagcctg	ttcgaaagcg	caaaacagct	acaatcacaa	cccgcacgtc	tagccagggtg	840
actttcccca	ttgacttttt	tgaacacaac	cagccagtct	caaaa		885

<210> 951  
 <211> 1465  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1463)  
 <223> similar to gi4456990 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 951	
aatgacccaa	acaaatagtt gtccttttaa ccaaggaaca agttagacaa gcctttatca 60
attctggtgc	atggcagatt ggtcttgctg attttgtggg aattactgat aatcattacc 120
caaaaacaaa	aatcctccag tttttaaaat tgactacttg gattttacct aaaattacca 180
gtcacggacc	tttagaaaaat gctctgacag tatatactga tggttccaac aatggaaaag 240
cagcttacac	agagccaaaa gagcaagtaa tcaaaactca gtatcaattg actcaaagag 300
cagagttggg	tgcatgcatt acagtgttaa taagattttg atcaatctat caatattgta 360
tcagattctg	catatgtagt acaggctaca aaggatattg agagagccct aatcaaatac 420
attatggatg	atcagttaaa cccgctgttt aatttgttac aacaaaatgt aagaaaaaga 480
aatttcccat	tttatattac tcatattcga gcacacacta atttaccagg gcctttaact 540
aaagcaaagt	aacaagctga cttgctagta tcatctgcat tcatggaagc acaagaactt 600
catgccttga	ctcatgtaaa tgcaatagga ttaaaaaata aatttgatat cacatggaaa 660
cagacaaaaa	atattgtaca acattgcacc cagtgtcaga ttctacacct ggccactcag 720
ggaggcaaga	gttaatcccc agagggtctat gtcctaattg gttatggcaa atggatgtca 780
tgacacgtac	cttcatttgg aaaattggca attggtccat gtgacagttg atacttattc 840
acatttcata	tgggcaacct gccagacagg agaaaagtac ttccccatgt taaaagaca 900
tttattatct	tgttttcctg tcatgggagt tccagaaaaa gttaaaacag acaatgggcc 960
aggttactgt	agtaaagcag ttcaaaaatt cttaaatcag tggaaaattt acacatacaa 1020
caggaatccc	ttataattcc caaggacagg ccataattga aagaactaat agaactca 1080
aagctcaatc	ggttaaaca aaaagggaag aagacagtaa ggagtataac acttcccaga 1140
tgaacttaat	ctagcaccct atacttttaa ttttttaaac atttatagaa atcagaccac 1200
tacttctgca	gaacaacatt ttactggtaa aaagaacagc ccacatgagg gaaaactgat 1260
ttggtggaaa	gacaacaaaa gtaaaacatg ggaaacaggg aaggtgataa catgggggag 1320
aggtttttct	tgtgtttcac caggagaaaa tcagcttcct gtttggtata ccactagaca 1380
tttgaagtgc	tacaataaac ccatcccatc agaaatgcaa ataaaagtgc ctccacagag 1440
acaaaaaacc	tgcatgttgag catca 1465

<210> 952  
 <211> 910

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(911)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (4)...(779)
<223> similar to gil504040 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 952
cgaggctaca accccaacgt gaatgcaggc atcattaact cttttgctac tgcagccttt      60
agatttggcc acacattaat caatcctatt ctttaccgac tgaatgccac cttaggtgaa      120
atttccgaag gccaccttcc gttccataaa gcgctctttt caccgtccag aataatcaag      180
gaaggtggga tagaccgggt tctccggggg ctgtttggcg tggctgctaa atggcgggca      240
ccctcctacc ttctcagtcg tgagctgacc cagaggctct tctccgcggc ttattctgcg      300
gccgtggatt cggctgccac catcattcaa aggggtagag accacgggat cccaccatat      360
gttgacttca gagttttctg taatttgact tcagttaaga actttgagga tcttcaaaat      420
gaaattaaag attcagagat tagacaaaaa ctgagaaaagt tgtacggctc tccaggtgac      480
attgacctct ggcccgccct tatggttgaa gacctgattc ctggtacaag agtgggacca      540
acacttatgt gcatttggtt cccagtttca gcggctaaga gatggagata ggttctggta      600
tgaaaaccct ggagtattta ccccggcaca actcactcag ctgaagcagg cgtccctgag      660
ccgggtgctt tgtgacaatg gtgacagcat tcagcaagtg caggctgatg tctttgtaaa      720
nggcaagaat acccacagga ttacctgaac tgcaagcgag aatccccgaa tgtggaccct      780
gcgaagtgtg gcaaagactt nctggtgaga actggtaagg agtangagga cagttccaga      840
gcagtngacg caagaagtct caaaagaaac gctcagcttc aatacagcta tcctgtttga      900
taaggatatt                                     910

```

```

<210> 953
<211> 1348
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1349)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1286)...(0)
<223> similar to gil001939 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 953
tttttttttt ttaccataaa aaccttttcta tatcagctca cccacacctc cctccgttcc 60
tccctgccct ttctcgccct gggatgatcat cagggatgct ggagtctggc gcccccccca 120
caccaccaga gctgaagccg acattcaagg tggacgtggc gccgtggaga gccaagggaa 180
ggcccagctc ctctccttcg tcccccactc tctgtggggc tcaggaaaca cacgctgacc 240
ggaaggcagt ggcccaggag aggcaggcta gggatgcaggc tcacgccatt ggtgcagtcc 300
ttctggggca gaaaactcaa cacgggctcc ggcttcccat cattgccagg cccgtccgtg 360
tcccacacag agacagcccc gctcgtgctg ccaactcacta ggaactgccg ggtcgggtcc 420
agatcgaagt agatgcgctg attggtggtc acctctcgac ccagggacca cagtgggtaa 480
ccagactgcc ggagatccca gcacaggagc tcagcatcct tgcgggctcc tgagaagaag 540
cggttgccat cgggatgaaa gcagagggtg gtgatgcccc cttggtgccg tcccagcaag 600
gcgagagggg agccatcatc ccaggcatac agaccaggag agcggccgta ggagccacag 660
gcatagaggg gctgggctgg gctgaaggct atgcaggaga tgatgccgct ctggccctgc 720
ttttttgcaa atgtggctcg gacctcgagc tctcgccagg ccgggccgtg gaaaaaacac 780
tgacaaagtc cggttgaagc cactagaacg agctgggagc catccgggga gaagcagagc 840
agaatgggct gccgtcagct catccagggt gttgtaggcg cagaaaggaa gcccggagct 900
ctccagtga tgcgtcccag atatgaatcg ggttctcccg gctgctgctg gccacgtagg 960
aggtgtctgg ctgggctgag gacatcagag aataccagca gtaatcatag atggtatcac 1020
cttccaccat tcgaaggaca gggaccattt ctgcatattc cacctgctcc ccctcatggt 1080
acagctctgg gggcagggtta taaattcgca agatgttatt agcactattg gtcaagatgc 1140
aggaaccgtc aggagcccac ttacagcctt tcaagaagtt ctcaggttgg gtgctgaact 1200
ctgaccagga cccactgaga aatcgaggca gctgggaaag tttaaagtgc caaacggtgt 1260
ctccctcgtc ctctgcagcg ggttccccaa aggtctnttn ntccnccgc nntttcgagg 1320
gtttcaatgg tctcgaannn nnaccacac 1348

```

```

<210> 954
<211> 116
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(118)
<223> similar to gi299471 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 954
tttttttttt ttgagatgga gtcttgcctc gtcacccagg ctggagtgcc gtggcacgat 60
ctcagctcac tgcaacctcc acctcccagg ttcaagcgat tctcgtgcct cagcct 116

```

```

<210> 955
<211> 1362
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (8)...(1362)  
 <223> similar to gi3452473 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 955

tttcgtgaaa	cttatcaaga	aacaccaggc	tgctatggag	aaagaggcta	aagtgatgtc	60
caatgaagag	aaaaaatttc	agcaacatat	tcaggcccaa	cagaagaaag	aactgaatag	120
ttttctcgag	tcccagaaaa	gagagtataa	acttcgaaaa	gagcagctta	aagaggagct	180
aaatgaaaac	cagagtaccc	ccaaaaaaga	aaaacaggag	tggctttcaa	agcagaagga	240
gaatatacag	cattttccaag	cagaagaaga	agctaaccctt	cttcgacgtc	aaagacaata	300
cctagagctg	gaatgccgtc	gcttcaagag	aagaatgtta	cttgggctgc	ataacttaga	360
gcaggacctt	gtcaggagg	agttaaaca	aagacagact	cagaaggact	tagagcatgc	420
catgctactc	cgacagcatg	aatctatgca	agaactggag	ttccgccacc	tcaacacaat	480
tcagaagatg	cgctgtgagt	tgatcagatt	acagcatcaa	actgagctca	ctaaccagct	540
ggaatataat	aagcgaagag	aacgagaact	aagacgaaag	catgtcatgg	aagttcgaca	600
acagcctaag	agtttgaagt	ctaaagaact	ccaaataaaa	aagcagtttc	aggataacctg	660
caaaatccaa	accagacagt	acaaagcatt	aagaaatcac	ctgctggaga	ctacaccaa	720
gagtgagcac	aaagctgttc	tgaacggct	caaggaggaa	cagacccgga	aattagctat	780
cttggctgag	cagtatgatc	acagcattaa	tgaaatgctc	tccacacaag	ccctgcgttt	840
ggatgaagca	caggaagcag	agtgccagg	tttgaagatg	cagctgcagc	aggaactgga	900
gctgttgaat	gcgtatcaga	gcaaaatcaa	gatgcaagct	gaggcacaac	atgatcgaga	960
gcttcgcgag	cttgaacaga	gggtctccct	ccggagggca	ctcttagaac	aaaagattga	1020
agaagagatg	ttggctttgc	agaatgagcg	cacagaacga	atacgaagcc	tggttgaacg	1080
tcaagccaga	gagattgaag	cttttgactc	tgaaagcatg	agactaggtt	ttagtaatat	1140
ggtcctttct	aatctctccc	ctgaggcatt	cagccacagc	tacccgggag	cttctggttg	1200
gtcacacaac	cctactgggg	gtccaggacc	tacttggggt	catcccatgg	gtggcccacc	1260
acaagcttgg	ggccatccaa	tgcaagggtg	accccgcca	tggggtcacc	cttcaaggcc	1320
caatgcaaag	gggtacctcg	aggagcagta	tgggagtcgc	ct		1362

<210> 956  
 <211> 820  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (20)...(818)  
 <223> similar to gi2065167 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 956

tattccgtgc	ggcggaattc	ctgaaattag	gaaaattttt	tatggaagct	ttcacaagct	60
acacattgtt	gtcagtgaga	ctttggtcaa	agtggttatt	gactgcaagc	aagtgggtga	120
gaaggcaatg	aacgcatac	ctaataatcac	gtcagatggt	gtagaagtgc	tagggaaaat	180
ggttcgatca	agaggaccag	gtggaaactc	tgaccggttc	cagttacaga	tgtttgatat	240



tgtttgctcc	acatcatggg	ccaatacaga	caaatgctgt	gaacttccag	gcctgagaga	300
tgatgagtct	tgcccagacc	ttccccattc	ctgctcctgt	tctgaaacca	atgaagtggc	360
tctggggacca	gcggggccac	caggtgggtcc	aggactccga	ggaccaaagg	gccagcaagg	420
tgaaccgggt	ccaaagggac	cagatggccc	tcgggggtgaa	attggtctgc	caggacctca	480
gggtccacct	ggacctcaag	gaccaagtgg	tctgtccatt	caaggaatgc	ccggaatgcc	540
aggagaaaaa	ggagagaaaag	gagatactgg	ccttccaggt	gccacagggt	atcccaggag	600
gcgttggttc	accaggacgt	gatggctcac	caggccagag	gggccttccg	ggaaaggatg	660
gacctcggg	acctccagga	ccaccagggc	caataggcat	tcctggcacc	cctggagtcc	720
cagggatcac	aggaagcatg	ggaccgcaag	gcgccctggg	accacctggt	gtccctggag	780
caaaggggga	acgaaggaga	gcgggggtgac	ctgcagttct			820

<210> 957  
 <211> 630  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (67)...(249)  
 <223> similar to gi3694664 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 957	
caacccccgcc	gccgggggaca tgtccaaccc ctgaagccgg aggaacgggc cagtcagact 60
gcgccccgaca	ggtatattga aaagtctgat tcagttacaa tcagtgtatg gaatcacaag 120
aagatccata	agaaacaagg tgctggattt ctccgttgtg ttcgtctttt tccagtgccca 180
tcaaccacct	caaagacact ggttatcaga ggttggattt atgcaaactt gggccaaagg 240
acagttagaa	gacagtagct gaagaagcat ctgtagggaa tccagaagga gcattcatga 300
agatgttaca	agcccggaag cagcacatga gcactgagct gactattgag tcggaggcgc 360
cctcagacag	cagtggcatc aacttgtcag gctttgggag tgagcagcta gacaccaatg 420
acgagagtga	tgtagcagc gcactaagtt acatcttgcc ttatctctca ctgagaaatc 480
taggtgcaga	atcaatattg ttaccgttca ctgaacagct attttcaaata gtacaagatg 540
gagataggct	cctgagtatt ttgaaaaaca atagaaagag cccctcacag tccagccttc 600
taggtaacaa	atttaaaaaac aaaatatttg 630

<210> 958  
 <211> 970  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(860)  
 <223> similar to gi575322 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 958
cggcacgagg aacgggtcaat ttgagccgcg tgcaggtcgg gcttgggaag ggtcagcggg 60
aggcctgagg gcgcgcggcg ctgcggcagg cgggcccggg gtccagccga gaggggtccg 120
gcgccaggca acgcgattcg cgcgggggtg aacccgggga gggggccggc ctccccgttc 180
tgggaccttt cgctcccctg ggacctgtgg ccgccgcca cagaccatgc tcctggggcg 240
cctgacttcc cagctgttga gggccgttcc ttgggcaggc ggccgcccgc cttggcccgt 300
ctctggagtg ctgggcagcc gggctctcgg gcccttttac agcacatcgc cggccggccc 360
aggtagggcg gcctctctcc ctgcgaaggg ggcccagctg gagctggagg agatgctggt 420
ccccaggaag atgtccgtca gccccttga gagctggctc acggcccgtc gcttctctgcc 480
cagactggat accgggaccg cagggactgt ggctccaccg caatcctacc agtgtccgcc 540
cagccagata gggggaaggcg ccgagcaggg ggatgaaggc gtcgcggatg cgcctcaaata 600
tcagtgcata aacgtgctga agatccgccg gcggaagatg aaccaccaca agtaccggaa 660
gctggtgaag aagacgcggt tcctgcggag gaagggtccag gagggacgcc tgagacgcaa 720
gcagatcaag ttcgagaaaag acctgaggcg catctggctg aaggcggggc taaaggaagc 780
ccccgaaggc tggcagaccc ccaagatcta cctgcggggc aaatgagtct ggccgccccc 840
ttccgcgccg ttgctgctgt gatccgtagt aataaatgat gtctctctca atggctgtgc 900
tactgcatgg actgtatact cgatttcatg tgtatgtcgc agtaaacaaa accaaacctc 960
aaaaaaaaaa 970

```

```

<210> 959
<211> 398
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(396)
<223> similar to gi5052950 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 959
aaaaaagagt gaaatactcc cacaggatct agaaaatagc ctcaaaaggg caaatctaag 60
ggttactggc cttaaagagg aggtagaagg agagagaggg atagaaagtt tatttaaaga 120
gctaataata gagacctttt caatcctaaa gaaaaatatc aatattcaag tgcaagggtta 180
tagaacacca agcagattta acccaaataa gactacctca agacatttga taatcaaact 240
cccaaaggctc agggataaag aaaggatctc aaaagcagca agagaaaaga aacagtatac 300
aatggggctc cagtacatct ggcagcagac ttctcagtg aaaccttaca gattaggaga 360
gaatggcatg acatatttaa agtgctaaag gaaaataa 398

```

```

<210> 960
<211> 474
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (8)...(469)  
 <223> similar to gi4104634 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 960  
 cgaggctgcc ctgaggccta tgggacactt tacagtgcta ggcaaagcgt ttcgagagga 60  
 ggataatgcc accgcgggcc tggtcgagct cgaccgggaa gtcaactatg ctttgggtccc 120  
 cagggaaatc cccggcactg ggggcccgtg gaacgtggtc tttgtgcccc gttgctcagg 180  
 cgaggagttt ctcggtctcg gtcgctgtgt ccacttcccc gagcaagagg ggcagatggt 240  
 ggagagcgtg gccggcgccc tgggtgtggg gctgcgcagg gtgtgctggc tgcgatccat 300  
 cggtcaggcg gtccagccct ggggtggaggc cgtgaggtgc cagagcctgg gcgtgttttc 360  
 cgggaggggac cagccagccc caggggagga gtcctttgag gtctggctag accacaccac 420  
 cgtgtattgc ggccgctctg gaggatccac gctaacgtac gcaggcgata cggc 474

<210> 961  
 <211> 522  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (220)...(520)  
 <223> similar to gi558999 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 961  
 agagggtggtg tttcagatat gctgatcaaa gttcaagcca cggaacaaat gggttactgc 60  
 cccatacagt gtgaaaagtt gtgctatttg cctggaaaact ccaagtgcag cagtgtatat 120  
 gagaactggt tagaacaaag cagggcaata ggtaatgtcc atccaagagg ggtgcagtcc 180  
 cagcgagata cctcattatt gaagcacacg tgccgagtgg atctctttga tgaccctctgc 240  
 tacattaata cacaggctct tcaaagtaca cctggctctg ctggaaatca aaggtcagcc 300  
 caaccactgg ggagcccatg gcaactgcga aaggcaccag aaactgttca gccgggtgcc 360  
 acagcccagc ctgccagctc acattctttg ccacacatta agcagcagct gtggagcgaa 420  
 gaatgctatc atggcaagct gagcaggaag gcggcagaga gcctcttggg aaaggatggg 480  
 gacttttttg ttcgagagag tgcaacatcc cctggcctaaa at 522

<210> 962  
 <211> 1241  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (375)...(1242)  
 <223> similar to gi5821434 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 962

aagtcagtct	gttcttactg	aatttcttct	cttgaacttt	ctgtttattc	cttatttttg	60
acacagtaga	caattttgct	caatttcact	tctgcctttc	ttgggttcag	gtttggtacc	120
aataattggt	aaagctgatg	taattctaag	tttttctcat	ccagcgcata	ggaaagcttg	180
cctataggta	tctgatttaa	ttattttgaa	tagtcaatgg	gctaaccaag	gagaagatga	240
ggggatcaaa	tatctgatgt	ttaaattaaa	ctagtattca	tctctttact	ttaaatttg	300
tctcttaaag	gtctcgcat	ttgtttcatt	tgtagtgcc	cagtttcagg	attaatggta	360
ttctttcctt	tcaggcttta	aatgaagaaa	ttgttaatag	aaagaagaat	gtagatcaag	420
ctattaaaaa	tggtcaggct	cttctaaaac	aaaccacagg	tgaggagggtg	ttacttatcc	480
aggaaaaact	agatggtata	aagactcgtt	acgcagacat	cacagttact	agctccaagg	540
ccctcagaac	tttagagcaa	gcccggcagc	tggccacca	gttccagtct	acttatgagg	600
aactgaccgg	gtggctgagg	gagggtggagg	aggagctggc	aaccagtgga	ggacagtctc	660
ccacagggga	acagataccc	cagtttcagc	agagacagaa	ggaattaaag	aaggagggtca	720
tggagcacag	gctggtgttg	gacacagtga	atgagggtgag	ccgtgctctc	ttagagctgg	780
tgccctggag	agccagagaa	gggctggata	aacttggtgc	cgatgctaac	gagcagtaca	840
aactagtcag	tgacactatt	ggacaaagg	tggatgaaat	tgatgctgct	attcagagat	900
cacaacagta	tgagcaagct	gccgatgcag	aactagcttg	ggttgctgaa	acaaaacgga	960
aactgatggc	tctgggtcca	attcgcttg	aacaggacca	gaccacagct	cagcttcagg	1020
tacagaaggc	tttctccatt	gacattattc	gacacaaaga	ttcaatggat	gaactcttca	1080
gtcaccgtag	tgaaatcttt	ggcacatgtg	gggaggagca	aaaaactgta	ttacaggaaa	1140
agacagagtc	tctaatacag	caatatgaag	ccattagcct	actcaattca	gaggcggttat	1200
gcccgcctag	agcggggcca	ggtcttagta	aaccagtttt	g		1241

<210> 963  
 <211> 695  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(696)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (4)...(696)  
 <223> similar to gi3095186 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 963

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```
<220>
<221> misc_feature
<222> (3)...(672)
<223> similar to gi968973 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<210> 965
<211> 798
<212> DNA
<213> Homo sapiens
```

597

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (7)...(798)

<223> similar to gi296382 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 965

aactagcaag	gggggagaaga	aagaaaaaaaa	accaagagaa	gagcagagga	agtggacaaa	60
gcaagaaaaa	acaaaaaacga	gacgcgaatg	aagcaacgag	acagaagaaa	gagaaagaca	120
gaggacagag	gaagagaaaag	aaagggaaggc	agagagaaga	ggaaacaaaa	gggcagagga	180
gaggggagag	ggaagggggag	ggaagagggg	agaggagaga	ggggagaggg	gagaggggag	240
agaggagaga	ggagaggggg	gtcccaccta	cagcccctga	gcgcccacct	gtgggtctgtc	300
cgttgcttca	gacaattcag	tgcccagaaa	tttctggaca	gccacctctg	caggccagac	360
accgccaaga	acaaccgttg	tgctgatttt	ctaaaatttc	catcctgccc	gctgagcccc	420
ggcggggccc	aaaccgcaag	cctgtgcctc	ctgtgtcagg	gcagctggca	tcagttagag	480
gtaatttctt	gattagtcac	gcgcgttcct	cagcagtcct	ggctgtctgt	cttccccggg	540
ggctgtccgg	tggccacagg	gcacagactc	gaaatggcaa	cagatctggc	tgccaagagg	600
ctgcttgctg	gatccccaga	ccacacaggt	acagacacga	tggtagccgg	gtgaggccgc	660
caccgtatga	ctttcaacag	cacgtggtgt	ttaaattgtgt	gcgaagcact	gctgcctacg	720
tggagagnta	aagcaacana	ttccaagccc	aggtgtgtgc	tcacacctgt	atcccaatgc	780
tttgggaaggc	gaagcgga					798

<210> 966

<211> 4975

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(4975)

<223> similar to gi5689519 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 966

aaggcatcca	ggatgcggtg	cggggcggcc	cggtgcccc	ccgccccgtc	acggcagccg	60
cggcgccga	ggggaccggg	ccaggggccgg	gggcggcgcc	ccgagccgcg	gtagcggcgg	120
cggcggaagg	ggcgccctga	ggcgggacgg	gcgggcgccc	gggttgccgg	ggctcgggtgc	180
cgctccgcac	tgcccggccg	gtctcgcccc	cggcgccatg	agtggcgggc	gcggcgagag	240
gggctcggcg	cccagtcgct	tcgcccacta	ctttgtcatc	tgcggaactg	acacggagac	300
cgggctggag	ccggacgagc	tgctcgccatt	atgccagtac	atacaggctt	ctaaagccag	360
ggatgggtgcc	agccctttca	tttcaagtac	gactgaagga	gaaaattttg	agcagacacc	420
attgagaaga	acattcaa	ctaaggtcct	tgacgatata	cctgagaacg	tagaatggaa	480
tccctttgac	caagatgcag	taggaatgct	atgtatgccg	aaagggtctg	cattcaagac	540
ccaggctgat	cccagggagc	cccaattcca	tgccctttatt	atcacaaggg	aggatggctc	600
tcggacat	gggtttgccc	tcacatttta	tgaagaggtg	actagcaagc	agatctgcag	660

tgcaatgcag	accctctacc	acatgcacaa	tgctgagtat	gatgtcctac	atgctcccc	720
tgctgatgac	agagaccaga	gcagcatgga	ggatggtgaa	gacactcctg	tgaccaaact	780
gcagcgcttc	aactcctatg	acattagccg	ggacactctc	tacgtctcta	agtgcactctg	840
cctcatcaca	cccattgtctt	tcatgaaggc	atgtcggagc	gtgctggagc	aactccacca	900
ggcagtcact	tcacctcagc	cccctccact	gccccttgag	agctacatat	acaacgtact	960
ctacgaggtg	ccgctcccac	ctcctggccg	gtccttgaag	ttttctgggg	tctatggggc	1020
aataatctgc	cagagaccaa	gtaccaatga	gcttccccta	tttgactttc	ctgtcaaaga	1080
ggtttttgaa	ctgctcgggg	tggagaatgt	gtttcagctt	tttacttgtg	cccttctgga	1140
gtttcaaate	ctgctctact	cacagcatta	ccagagactg	atgactgtgg	cggagacgat	1200
tacagctctc	atgtttcctt	tccagtggca	gcatgtctat	gtccctattc	tcccagcttc	1260
tctcctgcat	ttcttagatg	ctcctgttcc	atacctgatg	ggtttgcat	ccaatggcct	1320
ggatgaccgg	tcaaagcttg	agctgcctca	agaggctaac	ctctgctttg	tggacattga	1380
caaccacttc	attgagtttg	cagaggactt	gccacagttc	cccaacaaat	tggagtttgt	1440
ccaggaagtc	tctgagattc	tcatggcatt	tggaaattccc	cctgaaggga	atcttcattg	1500
cagtgaagat	gcctccaagc	tgaagaggct	gcgggcctct	gagcttgtct	cggacaagag	1560
gaatgggaac	attgctggct	cccctttgca	ttcctacgag	cttcttaagg	agaatgaaac	1620
tattgcccgg	ctgcaagcct	tggatcaagag	aactgggggtg	agcctggaaa	agttggaagt	1680
gcgtgaagac	cccagcagca	ataaggatct	caaagttcag	tgtgatgaag	aagaactcag	1740
gatttaccag	ctaaacattc	agatccggga	agtttttgca	aatcgtttca	ctcagatgtt	1800
tgcagattat	gaggtgtttg	tcatccaacc	cagccaggat	aaggaatcct	ggtttaccac	1860
cagggagcaa	atgcaaaact	ttgataaagc	atcttttctg	tcagatcagc	ctgagcccta	1920
cctgcccttc	ctctcaagat	tcctggagac	ccagatgttt	gcatctttca	ttgacaacaa	1980
aataatgtgt	catgatgatg	atgataaaga	ccctgtactc	cgggtatttg	attcccagag	2040
tgacaagatc	aggctgttga	atgttcggac	acctactctc	cgtacatcca	tgtaccagaa	2100
gtgtaccact	gtggatgaag	cagagaaaagc	aattgagctg	cgtctggcaa	aaattgacca	2160
tactgcaatt	caccacacatt	tacttgacat	gaagattgga	caagggaaat	atgagccggg	2220
cttcttccct	aagctgcagt	ctgatgtact	ttccactggg	ccagccagca	acaagtggac	2280
gaaaaggaat	gcccctgccc	agtggaggcg	gaaagatcgg	cagaagcagc	acacagaaca	2340
cctgcgttta	gataatgacc	agaggagaa	gtacatccag	gaagccagga	ctatgggcag	2400
cactatccgc	cagcccaaac	tgtccaacct	ctctccatca	gtgattgccc	agaccaattg	2460
gaagtttgta	gagggcctgc	tgaaggatg	cgcgaataag	accaagagga	tgctggtgga	2520
aaagatgggc	cgagaagctg	tggagctagg	gcattgggag	gtgaacatca	caggggtgga	2580
agagaacacc	ctgattgccca	gcctttgtga	tctcctggaa	aggatctgga	gtcatggact	2640
acaagtgaac	caggggaaat	cagccttatg	gtcccacctg	ttacattatc	aggacaaccg	2700
gcagagaaaa	ctcacatcag	gaagcctcag	tacctcagga	atacttcttg	attcagaacg	2760
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gaggcacatc	cagaacatcg	gggaaatcaa	gactgatgtg	ggaaaaggcca	gagcatgggt	2880
gcgactgtcc	atggaaaaaa	agttactttc	cagacacctg	aagcagctcc	tctcagacca	2940
tgagctcacc	aaaaagtatt	ataagcgcta	tgccctcctg	cgctgtgatg	acgagaagga	3000
gcagttcctc	tatcacctcc	tgtctttcaa	tgccgtcgat	tacttttgct	tcaccaatgt	3060
cttcacaact	atcctgatcc	cgtaccacat	tctgatcgta	ccaagcaaga	agctgggggg	3120
ctccatgttc	actgccaaac	catggatctg	tatatcagga	gaattgggtg	agacacagat	3180
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catccggagg	cttggtacca	tctaccccaa	caacaagccc	aagctgaaca	ctgggcagat	3540
ccaggagtcc	atcggggagg	cagtcaatgg	cattgtgaag	cacttccata	agcctgagaa	3600
agagcgaggc	agtctgacgc	tgttgctctg	tggagagtgt	ggccttgtct	cggccttgga	3660
acaggctttc	cagcatggat	ttaaatcgcc	ccggctcttc	aaaaatgtct	tcatttgggga	3720
tttcttgga	aaagcacaaa	cctattatga	gacattagag	aagaatgaag	tagtccctga	3780
ggaaaactgg	catacaagag	cccggaaact	ctgccgattt	gtcactgcaa	tcaacaatac	3840
tccccggaac	atcggaagag	atggcaagtt	tcagatgctg	gtgtgcttgg	gagccagaga	3900
tcacctccta	caccactgga	ttgccctgct	ggctgactgc	cccatcactg	cacacatgta	3960
tgaggatgtg	gcactgatca	aagaccatac	acttgtcaat	tccttgattc	gtgtgctgca	4020
gacattgcag	ggagtttcaa	catcacgctg	ggaggacgct	cctttgtcaa	ggggcattcg	4080

gacatcttga	cctcccagca	ccagcccggc	agcagggatt	gaggaaagac	tcaccctggc	4140
agctctgacc	tttttttccc	aaaggggact	taaggcgatt	gtgcaggagt	aggagacaaa	4200
atgttacact	cactgtaaaa	agaaaactag	gaggattttt	gggaataaat	aatctatttt	4260
agagtttatt	tgctgatttg	ctttttacac	actttcatgt	gaaagagtga	tagggagagg	4320
gagcgaggct	ggtgccgctt	attttgaagc	tggtgccctc	cctcgccgtg	gccacatgct	4380
ggaagcctga	ggcctccctg	gactgagcct	gtggcactgc	gtgcgggaca	gttatgtttc	4440
cttgccccgt	cgcattaatg	aggcccttcc	acatcatttt	taaactaatg	tttttctata	4500
ttaacattat	tatggatatt	tggctttcat	aggccacaca	caggtggtct	gccgcgggaa	4560
gcccccaggc	ccccaatcaa	agggattttt	tagtagtgcc	ctcctaagca	agcaccgaat	4620
gagtcagtc	ccacgtattt	tccttttttg	tccagtattg	tttggaagg	agacatgccc	4680
gggatgtgtc	catccgtgcc	caaataccca	catttccctg	ttggccacag	tttccacaga	4740
agtaaacata	agcatgtttt	aacaggtttt	tccttttctt	ttttcttttt	taaaatgttt	4800
tatttattta	acccgccatt	gtgtgttttt	aagtattttc	tttttttaag	ggaaaggaaa	4860
agcttgtcac	aatctaactg	gctatgttat	tattattaaa	tttatgtttt	gcaacttaga	4920
aaccagctac	agtatggccc	acttaataaa	acacctcaaa	caaaaaaaaa	aaaaa	4975

<210> 967  
 <211> 1710  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (453)...(1710)  
 <223> similar to gi3327150 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 967						
cagtccaaat	gacatttatt	ccattttctc	tgtgggacat	ccagctaaag	aggaaaaaga	60
acgtattttc	aaattattct	gtctcttagc	catagttacc	tagggaagga	gtgaaagcca	120
ttgagagtc	acagacagaa	ctcgcagccc	tggctcccct	gcccctgtag	gaggcgggga	180
aggagtgagc	ttcaggccag	gagggtccac	ggccccctgc	agccatcctg	cagcttccag	240
tcctcctcct	ggaccatccc	tgcactcaga	ccttctcccc	ggcccacctt	ccttcctcct	300
ctgggatcag	acttcgggtac	tgtgtcctca	gggaccttcc	tctgtggccg	gcacccagtg	360
atccctggct	cccagcacac	ccagctcaga	ggtcggcagc	ccctgcccac	gagctccagc	420
cggccctgca	tggccttatg	ctggaacgtc	tctggaatct	tttccctttc	tttctgtgtt	480
ggctgtgtcg	gggtggtctt	tgggaagcac	tatcatccaa	gggtccctca	ctccgtggct	540
ctctctctgc	ccttccaggc	tgagcagcgt	gttatgtccc	gggtacactc	tctggagcgg	600
cgtctggaag	ctcttgctgc	tgaattttcc	tccaactggc	agaaggaggc	catgcggctg	660
gaacgtctgg	agctgcggca	aggggtcctc	ggccagggag	gtggtggtgg	cctgagccac	720
gaggacaccc	tggcgctgct	ggaggggcta	gtgagccgcc	gtgaagctgc	cctgaaggag	780
gatttccgca	gggaaactgc	tgctcgcatc	caggtaggag	gtggaatacc	tcagggtggg	840
aggtgggtga	caccataggg	aaagcgtgaa	ggtgcccgag	agcagagaga	acaagtgtca	900
tttgggatca	gacagctctg	ccattttgca	gttaccctcc	ttctcgtttt	ttcctttttt	960
tttttctttt	tgagacaata	tctcactctg	tcacccagcc	tggagtgcag	tggcgtgatc	1020
tcgactcact	acaacctgtg	cctcccaggc	tcaagcgatt	ctcttgccct	actcagcctc	1080
ccgagtagct	ggattacagg	cgtgcaccac	cacatccagc	taattttgta	tttttagtag	1140
agacagggtt	ttaccaagtt	ggccaggctg	gtctcgaaact	cctgacctct	agtgatctgc	1200
ctgccttggc	ctcccaaagt	cctgggatta	caggcgtag	ccaccacgcc	aggcctcctc	1260
accttctcta	agcctcagtt	tcctcctcct	tgatggaggc	catcgtgtct	ccccaccccc	1320



catagtgcgc	tgtgcgagta	gaaagcccca	gcatgggtacc	tgacaccgca	aaggtgtgca	1380
gtggagctga	agcgggagtc	ttgcgtgggt	cagagaaggc	tgagagccat	ggctctggaa	1440
acaaacagac	cttgtttgaa	ttccagttcc	gccacttcct	aagcatgagg	gtccctataa	1500
gcatggctct	gcccacacctg	gcctctcact	tccgtctcac	aagaagaact	gcttgccttg	1560
aaagcagaac	attaccaaga	cttagaaaac	ctttttaaaag	aagaacggcc	cgggcctttc	1620
caaggccatt	ggggctttgc	ggaacttcag	ggccctgggg	atgggggttc	tggaccccc	1680
tccaacaatg	tttcaacctc	gggaccccc				1710

<210> 968  
 <211> 1523  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (13)...(1511)  
 <223> similar to gi3004664 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 968						
gcgggagggt	cccgggaggt	gctcacactg	cagttgggac	atthttgccgg	tttcgtgggc	60
gcgcactggt	ggaaccagca	ggatgctgcg	ctgggccgag	cgaccgattc	caaggagccc	120
ccgggagagc	tgtgccccga	cgctcctgtat	cgtacggggc	ggacgctgca	cggccaggag	180
acctacacgc	cgcgactcat	cctcatggat	ctgaagggtg	gtttgagctc	cctaaaagag	240
gaagggtggac	tctacaggga	caaacagttg	gatgctgcaa	tagcatggca	ggggaagctc	300
accacacaca	aagaggaaact	ctatcccaag	aacccttacc	tccaagactt	tctgagtgca	360
gagggagtgc	tgagttagtga	tgggtgtctgg	aggggtcaa	ccattcccaa	tggcaaagggt	420
tcctcaccac	tccccaccgc	tacaactcca	aaaccactta	tccctacaga	ggccagcatc	480
agggctctgt	cagacttcct	cagagtccat	ctccatcccc	ggagcatctg	tatgattcag	540
aagtacaacc	acgatgggga	agcaggctcg	ctggaggctt	ttggccaagg	ggaaagtgtc	600
ctaaagggaac	ccaagtacca	ggaagagctg	gaggacaggc	tgcatttcta	cgtggaggaa	660
tgtgactact	tgcagggtct	ccagatcctg	tgtgacctgc	acgatggctt	ctctggggta	720
ggcgcgaaag	cggcagagct	gctacaagat	gaatattcag	ggcggggaat	aataacctgg	780
ggcctgctac	ctggtcccta	ccatcgtggg	gaggcccaag	gaaacatcta	togtctatta	840
aacacagctt	ttggtctcgt	gcacctgact	gctcacagct	ctcttgtctg	ccccttgtcc	900
ttgggtggga	gcctgggcct	gcgacccgag	ccacctgtca	gcttccctta	cctgcattat	960
gatgccactc	tgcccttcca	ctgcagtgcc	atcctggcta	cagccctgga	cacagtcaact	1020
tgttccttat	cgctgtgtt	cctctccagt	ttccatgggt	catctgggct	gacatgctga	1080
gcttctgtgg	gaaaaagggtg	gtgacagcag	gagcaatcat	ccctttcccc	ttggctccag	1140
gccagtccct	tccctgattcc	ctgatgcagt	ttggaggagc	caccccatgg	acccactgt	1200
ctgcatgtgg	ggagccttct	ggaacacgtt	gctttgcccc	gtcagtgggtg	ctgaggggta	1260
tagacagagc	atgccacaca	agccagctca	ccccaggac	acctccaccc	tctgcccctc	1320
atgcatgtac	cactggggaa	gaaatcttgg	ctcagtattt	acaacagcag	cagcctggag	1380
tcatgagttc	ttcccatctg	ctgctgactc	cctgcagggt	ggctcctcct	tacccccacc	1440
tcttctcaag	ctgcagtcca	ccgggtatgg	ttctggatgg	ttcccccaag	ggagcagcag	1500
tggagagcgt	cccagtgttt	ggg				1523

001210 " 512100

<210> 969  
 <211> 420  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (6)...(414)  
 <223> similar to gi3550082 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 969  
 ccaaaaaatga aagacagact actgatattt cggttcacgt ttgttgccaa atcttgaaac 60  
 gtgggtccca ctatagcaac actcaatccc agccccagga aggaggcaca cagcatcaag 120  
 gtggtgaacc accgcagctt gctcccgggtc ccaccgctct gccaggagac caccaccacc 180  
 tccggctccg gctcattctc cgccgggggcc tccgcctgca ggagccgctg ccccgagacc 240  
 gggggcccgg cccacaggag ctccacctct aactccagct cggcggctcc ggagaagtcg 300  
 tcttgctgcc gccgcgcttc tcagcagaac ttctggagct ccgagaagag cactggcccc 360  
 gaccccaggc acgggtgtcc ctccggggcgc cacctcccag cggaccgccc ggaaacgaaa 420

<210> 970  
 <211> 882  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(882)  
 <223> similar to gi4156196 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 970  
 ggaccagcag agcttaatca ggaagcttca gaagagaggt agtcccagtg acgtagttac 60  
 acctatagtg acacagcatt ctaaagtga tgactccaac gaattaggtg gtctgactac 120  
 cagtggctct gcagagggtc acaaggcgat tacaatttcc agtcccctaa ccacagacct 180  
 gactgcagag ctgtctgggt ggccaaagaa tgtatcagtg caacctgaaa tatcagaggg 240  
 tcttgctact acgcccagca ctcaacaagt aaaaagttct gagaaaaccc agattgctgt 300  
 cccccagcca gtggctccct cctacagtta tgctaccct acccccagc cctctttcca 360  
 gagcacctca gcaccatacc cagttataaa ggaactgggtg gtatctgctg gagagagtgt 420  
 ccagataacc ctgcctaaga atgaagttca attaaatgca tatgttctcc aagaaccacc 480  
 taaaggagaa acctacacct acgactggca gctgattact catcctagag actacagtgg 540  
 agaaatggaa gggaaacatt cccagatcct caaactatcg aagctcactc caggcctgta 600  
 tgaattcaaa gggattgtag aggggtcaaaa tgcccatggg gaaggctatg tgatcgtag 660  
 agtcaagcca gagccccgta agaatcggcc ccccatgtct attgtgtcac ctgagttcca 720  
 ggagatctct ttgccaacca cttctacagt cattgatggc agccaaagca ctgatgatga 780  
 taaaatcggt cagtccatt gggaagaacg taaggggcat ataagaaaga gaagatttct 840

gaagatccac ccatgtattg cggccggctc gttgcctcac gc

882

<210> 971  
<211> 1864  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(1844)  
<223> similar to gi3941737 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 971  
cccaacatcg cgatagtacc caaggacggg acgggatggg caaacaagca ggatcagcaa 60  
gacccaaaga gttccagtgc gacggcctct cagccgccgg agtcgctgcc gcagccgggt 120  
ttgcagaaat ctgtctccaa tttgcagaaa ccgacacagt caatcagtca ggagaataca 180  
aattcagtgc caggtggacc aaagtcattg gcacagctga atggaaagcc agtaggacac 240  
gaaggtggtt taaggggctc aagccgactg ttatccttct ctcccagga atttccgacg 300  
ctgaaagcag ctggagggca ggacaaggct ggcaaagaaa agggcgtctt agatctgtcg 360  
tatgggccag gaccaagcct ccgcccctcag aatgtgacaa gctggaggga gggcggtggg 420  
cgacacataa tttctgccac gtctctgagc acctcccca ctgagctggg cagcaggaaac 480  
tcgagtcagg gagatggagc cccctcctcg gcatgtacca gcgattctaa ggacctctct 540  
ctccgcccgg ctacgcctgt ccgaaaaggg gcttcacagt tcatgggaaa tgtataccac 600  
ccacctacat accatgacat gcttcctgct tttatgtggt cgcgaagtc atcagaaaac 660  
cagggtacag tggaaacgagg ctcttttccc ctctcctcagc tccgccttga acctcgagtt 720  
ccttttagac agttccagat gaatgacca gacggaaaag aaaacaggct gggattgtct 780  
cgcccactcc gccactaag gcagctggtg gagcgggcac cagggcccac cattatcaat 840  
gcggaaaacc tgaagggcct tgacgatctg gacgccgatg ccgatgatgg ctgggcaggc 900  
ctccatgaag aagtggacta ttctgagaaa ctgaagttca gtgatgatga agaggaggaa 960  
gaagttgtga aggacggcag gccaaagtgg aacagttggg acctaggag gcagcggcag 1020  
ttgtcaatga gctctgcaga cagtgcggac gctaagcgga ctcgagagga agggaaggac 1080  
tgggctgaag cagtgggtgc gtcccgtgtg gtccgaaagg ccgagaccc tcagccaccg 1140  
cccaggaagc ttcattggctg ggcaaccaggc cctgactacc agaagtcac aatgggcagc 1200  
atgttccggc aacagtccat cgaggacaag gaggacaagc cccaccaag gcagaagttc 1260  
attcagtcag agatgtccga ggcgggtggag cgagcccga agcgccggga agaagaggag 1320  
cgccgagccc gggaggagag gctggccgcc tgtgctgcca aactcaagca gctggaccag 1380  
aagtgtgaag aggcacgaaa ggcaggtgag gcccggaagc aggcagagaa ggaagtgcc 1440  
tggctccaa gtgctgagaa ggcattctcc caggaaaacg gccctgctgt ccacaaaggc 1500  
tccccagaat tccctgccc agagacccc accacattcc cagaagaggc acccacagt 1560  
tccccagcag tggcacagag caacagcagt gaggaagagg ccagagaggc tgggtccct 1620  
gcacaggagt tcaagtatca gaagtccctt cctcccgat tccagcgcca gcagcagcaa 1680  
caacagcagg agcagctgta caagatgcag cactggcagc cgggtgtacc cccgcccgtcc 1740  
cacccccagc ggcactttta ccacacccac cccagatgt tgggcttcga tccaagggg 1800  
atgatgaagc ctttcttcat ggggccccgc gattatcccc cttttgggcc ccggggggat 1860  
tttt 1864

094073 0340460

<210> 972  
 <211> 1876  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (311)...(1362)  
 <223> similar to gi4417294 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 972

tttcgtgaac	atttggaacca	gttgctacag	gtggacaatg	aggagaggaa	agccagggta	60
tgtggccacc	tctggagtgg	ggttgggagg	tgcagagctg	ggacgtaccg	ggcctggaga	120
cgtctggtga	gctcaggaca	ccctatgcat	cctgtcaa	gctccaccct	gcctgacccc	180
acctctcctt	ttttcaggac	aggttgaagg	gcggcttg	ccatccactg	tggctctgga	240
ccacacaggc	ggctttgagg	ggcttctcct	ggtggatgat	gacctgctgg	gggtgattgg	300
acacagcaac	tttggcacca	tccgctctac	cacatgcgtg	tacaaaggga	aatggctcta	360
cgaggtcctc	atctcctccc	aggggctcat	gcagatcggc	tggtgacca	tcagctgccg	420
cttcaaccag	gaggaggggg	ttggagatac	acacaactcc	tatgcctatg	atggcaaccg	480
cgtgcgcaag	tggaatgtga	ccacaacgaa	ttatggcaag	gcgtgggcag	cgggggacat	540
cgtgagctgc	ctgattgacc	tggatgatgg	cactctgtcc	ttctgcctga	acggtgtatc	600
actgggcact	gcctttgaga	acctgtccag	gggcctgggt	atggcctact	tcccagccat	660
cagcctctct	ttcaaggagt	ccgtggcctt	caactttggc	agccgtcctc	tgcgtacccc	720
agtggcaggc	taccggcccc	tgcaggaccc	accgagtgt	gacctggtgc	gggcacagag	780
gttgctgggc	tgcttccggg	cagtgtctgag	tgtggagctg	gaccctgtgg	aggggaggct	840
gttggaacaag	gagagctcca	agtggcggtt	gcggggccag	cccaccgtcc	tcctcacact	900
ggcccacatc	ttccatcact	ttgcaccgct	tctgcgcaag	gtgtatctgg	tggaggctgt	960
gctcatgagc	ttcttgctgg	gcatcgtgga	gaagggcaca	cccacacagg	cacagtccgt	1020
ggtgcaccag	gtcctggacc	tcttggtggct	cttcatggag	gactacgagg	tacaagattg	1080
cctcaagcag	ttgatgatgt	ctctgcttcg	gctgtaccga	ttctaccca	ttgtcccaga	1140
cctgggccta	cagatccatt	acctgcggct	cactatcgcc	atcctgaggc	atgagaagtc	1200
ccgcaagt	ctgcttagca	atgtcctctt	cgacgtgctc	cgctccgtcg	tcttctttta	1260
catcaagagc	cccctgcgtg	tggaggaggc	cggcctgcag	gagctcattc	ccaccacctg	1320
gtggccccac	tgctccagta	gggaggggcaa	agagagcacg	gagatgaagg	aggagaccgc	1380
agaggagcgg	ctgcggcggc	gagcctacga	acggggctgt	cagcggctca	ggaagcgcat	1440
cgaagtgggtg	gaagaactac	aggtccagat	cctgaagctg	ctgctggaca	ataaagatga	1500
caatgggggt	gaagcttcta	ggtatatctt	cctgaccaag	tttcgcaagt	ttctgcagga	1560
gaacgccagt	ggccggggga	acatgcccat	gctctgcccc	cctgagtaca	tggctctgctt	1620
cttacaccgg	ctgatctctg	ccctgcgcta	ctattgggat	gaatacaagg	cttccaatcc	1680
tcatgcttcc	ttcagtgagg	aggcctacat	cccggccccag	gtcttctata	atggcaaggt	1740
ggactacttt	gacctgcagc	gcctgggggg	cctcctctcg	cacctgcgga	agaccctcaa	1800
agatgacctt	gcttccaaag	ccaacattgt	gacgaccca	ctggagctcc	agtcaaccgc	1860
catggatgac	ctagat					1876

<210> 973  
 <211> 544  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (174)...(497)  
 <223> similar to gi2105485 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 973  
 tttcgtggcg gagaggcacg gaggagccgc tgtggctgcc gccacggccg cccggagtcc 60  
 tgggtcaagc tgagtatctc cacgttttagg tgcacaaata ctattttgtg aagatcttaa 120  
 atttgtggta taagaacttg aaggaaatag aactgatttg ttactttctaa aaggttgtgc 180  
 tgggtgaggtg gaatgagccc taccagaaaac tggccacgtg cgatgcggac ggaggcatat 240  
 tcgtgtggat tcagtacgag ggcaggtggt ctgtggagct ggtcaacgac gcggggcgcg 300  
 aggtgagtga tttcacgtgg agccatgatg gaactcaagc acttatttcc tatcgagatg 360  
 ggtttgcct ggttgggtct gtcagtggac aaagacactg gtcacccgaa atcaacttgg 420  
 aaagtcaaat tacgtgtggc atatggactc ctgacgaccc aacaggtgct gtttggcacg 480  
 gccgatgggc aggtgattga catggattgc cacggcagga tgctggccca cgtcctcttg 540  
 cacg 544

<210> 974  
 <211> 1089  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1086)  
 <223> similar to gi2370155 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 974  
 ccagccacga tagacaagag acgccaagat ggcaccaaca gcagcaacaa gccttacagg 60  
 agactttcag agagagaatt tgacccaaat aagcactgtg gagtattgga tgccgagaca 120  
 aagaaacctt gcacaagatc cctcacctgc aagacacatt cgctaagcca tcggagggca 180  
 gtcccaggcc ggaaaaagca atttgacctc ctccctggcag aacacaaagc aaagtcccgg 240  
 gaaaaagaag ttaaagataa agagcatctc ctgacttcca cgagggaaat acttccaagc 300  
 caatccgggc cggcacagga ttctctgcta gggctctcag ggagctctgg gccagaacca 360  
 aaagtgtcat cccctgcaaa atccagacca cccaactctg tacttcctag accatcatct 420  
 gcaaatagca taagcagcag cacatcttca aatcatagcg gccacactcc agagccccc 480  
 ctcccaccgg ttggaggtga cctcgccagc cgactgtcca gtgatgaagg ggagatggac 540  
 ggagccgacg aatccgagaa gctagactgt cagtttcca cgcaccaccc cagacctatg 600  
 gcgttttgct catttgggag tcgcctcatg ggacgagggt actatgtgtt tgatagaaga 660  
 tgggatcggt ttcgattcgc actaaactcc atggtagaaa aacacctgaa ttcacagatg 720  
 tggaagaaga tccctcctgc gggcagatag gccccctgcc ctccgacgca gccacatca 780  
 ccacccccgt tccagcatcc gttttgcagc ctttcagcaa cccagtgct gtgtatcttc 840  
 cttcagctcc catcagctcg aggctcacct cttcttacat aatgacatca gccatgctct 900  
 caaacgcagc tttcgtgaca tcgccggacc cgagcgccct catgtccac accacagctt 960

tccctcatgt	ggccgcaacc	ctcagcatca	tggactcaac	cttcaaggcc	ccatccgccg	1020
tgtccccgat	accagccgctc	atcccttccc	catcccacaa	gccatccaaa	accaaaaacca	1080
gctacgaaa						1089

<210> 975  
 <211> 1138  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1140)  
 <223> similar to gi2462851 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

00403725 042400

<400> 975						
gactctgcgg	gcagtgccct	ggaggaggac	gacgaagacg	acgaggagga	tggggagccc	60
ccctacgagc	ccgagtcggg	gtgcgtggag	atccccgggc	tgtcggagga	ggaggaccca	120
gccccgagcc	ggaagatcca	tttcagcacg	gcgcccattc	aagtgttcag	cacttactcc	180
aacgaggatt	acgatcgctg	caacgaggat	gtggatccca	tggcagcctc	tgctgagtac	240
gagctggaga	agcgtgtgga	gaggttggag	ctgttccctg	tggagctgga	gaaggactcc	300
gagggcctgg	gcatcagcat	catcggcatg	ggcgccgggg	cagacatggg	cctggagaag	360
ctgggtatct	tcgtcaagac	cgtgacggag	ggtggtgcgg	cccatcggga	tggcaggatc	420
caggtgaatg	atctcctggt	ggaggtggat	ggaacaagtc	tggtgggagt	gacagagctt	480
cgcggcgtct	gtgctccgga	acaccaaggg	ccgagtgcgg	tttatgattg	gccgggagcg	540
gccgggagag	cagagcggaag	tggcccagct	aattcagcag	actttggaac	aggagcgatg	600
gcagcgggag	atgatggagc	agagatacgc	ccagtatggg	gaggatgacg	aggagacagg	660
agagtatgcc	actgacgagg	atgaggagct	gagccccacg	ttcccgggtg	gtgagatggc	720
catcgaggtg	tttgagctag	cggagaacga	ggatgcactg	tcccctgtgg	acatggagcc	780
cgagaagctg	gtgcacaagt	tcaaggagct	ccagatcaag	catgcggtca	ctgaggcaga	840
gatccagcag	ctgaaaagaa	agctgcagag	cctggagcag	gagaaggggc	gctggcgggt	900
ggagaaggcg	cagttggagc	agagtgtgga	ggagaacaag	gagcgcatgg	agaaactgga	960
aggctactgg	ggtgaggccc	agagcctgtg	ccaggctgtg	gacgagcacc	tgccgggagac	1020
tcaggcgtag	taccaggccc	tggagcgcaa	gtacagcaag	gccaagcgcc	tcatcaagga	1080
ctaccagcag	aaggagatcg	agttcctgaa	aaaggagact	gcacagcgtc	gggttctg	1138

<210> 976  
 <211> 561  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (125)...(552)  
 <223> similar to gi3877563 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 976
tttttttttt ttagctgttc ttaaattttt ttttccaaaa aatggcattt tccaggtgcc      60
ccagtcctca ttctaaggt cccacctcag ttggcacctg tgcgtgtata tggatacact      120
ttccccccag ggccctgcct ggtatgggcc agggcagccc atgaactctg ggccacacca      180
tgaggttctg ggtgaggccc tcgtcccgcc tcagtgtctg cccgagctgc cgagccaggg      240
ccgcagcccc cgtcttgcc ctgtctgccg gctgctcccc gggcctgata ctctggcccc      300
cactgggcct gggctgcaca tggcagctac ctgtcactg tcctcctcac tccctggcac      360
acagcttcag ggtggaccaa tcaccaacg tcagattcgg cccgcaggct aggtctcccg      420
ccacttcttc ccgttcagca cctgcagctt ctccaggctc tgggtcacta agcacagtgc      480
ttgccccatc tcacggacac ggtcctccag ggctcccgag agctcgggga ggctcatggc      540
ctgcagggac gcttgccagc c

```

```

<210> 977
<211> 1078
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(1064)
<223> similar to gi5689736 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 977
ctgcccgcac gggatatcctg tatgaggccc ggcgtcgggg gacccggaag cagatgttcc      60
ggccgggaaa ggaggagacg aataactcgc ccaaccccgga gctgctatcg ctggtacaga      120
acctggatga aaagcctcgg gccgggggtg cagaatctgg tcctgaagaa gatgctctga      180
gcctcggggc tgaagcctgc aacttcatgc agccagtagg ggccaggagt tacaagacct      240
tgctcacagt gacacctaaag accccccctc caatggctcc caagaccccg cccctatga      300
ctcctaagac tccacccccca gtggtccta agcccccatc tcgagggctc cttgatgggc      360
tcgcgaatgg ggcagcctct tcggctggaa tccctgagcc accaaggctg cagggcaggg      420
gtggggagct gtttgctaag cggcagagcc gtgcggacag gtatgtggcg gaaggtagac      480
ctggtcctgg tcttggccct cggcctagaa gtccttctcc taccctgtat gtgccccctt      540
cctggaaata ttcacccaac atccgtgcc cgcctcctat tgcttacaac ccactgctct      600
ctcccttttt cccccaggcg gcccgaaactc tccctaaggc ccaatccag gggcctcggg      660
caacacccaa gcagggcacg aaggctctag attttatgcg gcatcagccc tatcaactta      720
aaactgccat gttctgttt gatgaggttc ccccgactcc tggccctatc gcctcagggt      780
ccccaaaaac tgcccgagtc caggagattc gccgggtttc cactccggca cccagccca      840
ctgcagaacc cctggctccc actgtgcttg ccccccgagc agccactaca ctggatgagc      900
ccatctggag aacagaactg gcctcagccc ctgttcctag cccagcccct cctccagagg      960
ctcccagggg ccttggggct tctccagct cctgcggttt ccaggtagcc agggcccgat      1020
tttcagccac cagaacagga tttcaagttc aatgtttgga ggcttgggca aggcacca      1078

```





```
tcagagctgg cagggcagcg agaccacctg cctcattctg cagaccaggg cacctgggca 720
gactctttag ctgtggaact cgacttcctg ctggacagcc agatacagga tgccctggac 780
gcctctgact tcgaagcccc acctgagcag t 811
```

```
<210> 980
<211> 803
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(804)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (311)...(806)
<223> similar to gi1403709 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 980
ggggtaaaac atggcatggt cactgaccag tggactgagg actgacattg gaccatagtg 60
ctaggcagag ccttgctgtg ccaagggttaa cccttttggt gccagatgag gtctgggggtt 120
ctggagagga ggtggggcag gcagatcagt ggtgcagtag ctatttggtc tcaaatacata 180
gcaatatttt aacaactggt acagttccag aaagtgcac ctagctgaac atcatctctg 240
gtgatagctc tttgcagggc atgggtggtg actcccagca gagctggcac caacctatgt 300
cactccctag atccagagta tcacagatga gtcacgaggc tcaatccgga gaaagaatcc 360
agccaacacg cggtccgcc tgaacgtccc cagaagagac ggctggtgac agtgaaagag 420
aagcccagag gaggaggtgc aagctgatcc acgaatcaga agtgcttccc caaagtgtccc 480
caccagttcc ccgttcccca aggggaggag ccctgagggg gaaggggaga ccagatccgg 540
agaaggtgca ttttcaccct ggacccaagg acaagtcggt ggcagagaag aattaagggc 600
ccccagtcct gtctcctctg agggcatcaa ggacttcttc agcatgaagc cggagtggga 660
gaacttgaac cagtccaacg tgcggcgcat gcacancggc cgtgcggctg aacgaggtca 720
tcgtgaagaa atcccgggac gccaaagcttg ttttgctcaa catgcctggg cctccccgca 780
accgcaatgg tgatgaaaac tac 803
```

```
<210> 981
<211> 877
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (84)...(855)
<223> similar to gi633666 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

<400> 981

tttgaatttt	gttgaacatt	atcacgccaa	gcttggcacg	agggccggct	ccctctggct	60
ttttaaggac	ccctgtgccg	cccccaacga	aggcttctgc	tccgccggag	tccaaacgga	120
ggctgggggtg	gctgacctca	cttgggttgg	ggagagaggt	attctagtgg	cctccgattc	180
aggtgctgtt	gaattgtggg	aactagatga	gaatgagaca	cttattgtca	gcaagttctg	240
caagtatgag	catgatgaca	ttgtgtctac	agtcagtgtc	ttgagctctg	gcacacaagc	300
tgtcagtggg	agcaaagaca	tctgcatcaa	ggtttgggac	cttgctcagc	aggtggtact	360
gagttcatat	cgagctcatg	ctgctcaggt	cacttgtgtt	gctgcctctc	ctcacaagga	420
ctctgtgttt	ctttcatgca	gcgaggacaa	tagaatttta	ctctgggata	cccgtgttcc	480
caagccagca	tcacagattg	gctgcagtgc	gcctggctac	cttcctacct	cgctggcttg	540
gcacccctag	caaagtgaag	tctttgtctt	tggatgatgag	aatgggacag	tctcccttgt	600
ggacaccaag	agtacaagct	gtgtcctgag	ctcagctgta	cactcccagt	gtgtcactgg	660
gctggtgttc	tccccacaca	gtgttccctt	cctggcctct	ctcagtgaag	actgctcact	720
tgctgtgctg	gactcaagcc	tttctgagtt	gtttagaagc	caagcccaca	gagactttgt	780
gagagatgag	acttggtccc	cgctcaatca	ctccctgctt	accacagtgg	gctggggacca	840
tcaggtcgtc	caccacgttg	tgccacaga	acctctg			877

<210> 982

<211> 2009

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (826)...(1921)

<223> similar to gi944913 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 982

tttgacgca	aaccctccct	catcggcctt	gacccggagc	aaggcccacc	tgaaccccat	60
gtcgtaacc	cagcactgca	tcaccacaat	ggctgctccc	tcctggaagt	gcttgcctgc	120
tgacaggggt	gatccccaag	gccagggctt	ccatgatggc	agcttcgggc	cagccagtgg	180
gacccttggg	caggaagacc	ggggcctcag	cttcctactc	aagcaggagg	accgtgagat	240
ccaggatgcc	tacctgcagc	tcttcaccaa	gctggatgtg	gccctgaagg	agatgaagca	300
atatgtcacc	cagatcaaca	ggctgctgtc	caccatcaca	gagcccacct	cgggtgggtc	360
ctgcgacgca	tccttggtgtg	aggaggcctc	ctccctgccc	ctggtcagtgt	aagagagcga	420
gatggacagg	agtgaacctg	ggggcatcaa	gaagggtgtg	ttcaagggtg	ccgaggagga	480
ccaggaggag	tcaggccacg	acaccatgag	ttatcgcgac	tcctacagcg	agtgtaacag	540
caatcgagac	tcgggtcctgt	cctacaccag	cgtagagaagt	aacagctcct	acttgggcag	600
cgacgagatg	gggtctggag	atgagctgcc	ctgtgacatg	cggatcccat	ctgacaagca	660
ggacaagctt	catggctgcc	tggagcacct	ctttaaccag	gtggactcca	tcaatgctct	720
cctcaagggg	ccagtcatga	gccgggcttt	cgaagagacc	aagcatttcc	ctatgaacca	780
cagcttaca	gagtttaaac	agaaagaaga	gtgtacaatc	cgtggccgga	gcctgatcca	840
gattagcatc	caggaggacc	cctggaacct	ccccaaactc	atcaagaccc	tgggtggaca	900
cattcagaga	tatgtggaag	atgggaagaa	ccagctgtct	ctggccttgc	tgaagtgcac	960
agacacggag	ctgcagctgc	gcagagacgc	gatcttctgc	caggccctgg	tggccgccgt	1020

gtgcaccttc	tccgagcagc	tgctggcggc	cctgggctac	cgctacaaca	acaatggcga	1080
gtacgaggag	agcagccgcg	acgccagccg	caagtggctg	gagcagggtg	cggccacggg	1140
cgctctgctg	cactgccagt	ccctgctctc	gccagccaca	gtgaaggagg	aacggaccat	1200
gctggaggac	atctgggtga	cgctgtcaga	gctggacaat	gtcaccttct	cctttaagca	1260
gctggacgag	aactatgtgg	ccaacaccaa	cgtcttctac	cacattgagg	gcagccggca	1320
ggcgctgaag	gtcatcttct	acctcgacag	ctaccacttc	tccaagctgc	cctcccgcct	1380
ggaggggtggg	gccagcctga	ggctgcacac	agcgctgttc	acgaaagtgc	tggagaacgt	1440
ggaggggctg	ccttctccag	gcagccaggc	cgcgagggat	ttgcagcagg	acatcaacgc	1500
gcagtccctg	gagaaaagttc	agcagtatta	ccgcaaactc	agggcatttt	acctggagcg	1560
gtctaacctg	cccacggatg	ccagcaccac	ggcggtaaag	atagaccagc	tgatccgccc	1620
catcaatgcc	ctggatgagc	tctgccgcct	catgaagtcc	tttgtccacc	caaagcctgg	1680
tgctgctggg	agtgtggggc	ccggcctcat	ccccatctcc	tcggaactct	gctaccgcct	1740
gggggcctgc	cagatggtca	tgtgtggcac	aggcatgcag	aggagcacc	tgagcgtgtc	1800
cctggagcag	gcggccatct	tggcacggag	ccacgggttg	ctgccaagt	gcacatgca	1860
ggccacggac	atcatgcgga	agcagggccc	aagggtggag	attctggcca	aaaacctgcg	1920
agtcaaggac	cagatgcccc	agggtgctcc	gcgcctctac	cgccctctgc	agccgaaaat	1980
gaatggggac	ctatgaacac	ccctgtatt				2009

<210> 983  
 <211> 622  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (154)...(625)  
 <223> similar to gi2224585 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 983		
acccccgaat	ccctcttcag aacggtcgtc ttcccaatca tctaactcac cgacagcacc 60	
tccagagggt	ccgaagttac agcgctggag aggtggagt gcaatgggtg gatcttggct 120	
cactgcaacc	tcctcctccc aggttcaagc aattctcctg cctcagcctc tcaagtagct 180	
gggattacag	gttcagggtt agcggtcgca tcctgggtct ggctctgatc catcagtacc 240	
ttcttgacgc	tttcttcacg aggcccttct acaaggcact cctgagactg ccctgtgatt 300	
tgagtgcact	ggaatatattg gatgaggaat tccaccagag ttgacagtgg atgaaggaca 360	
acaacatcac	agacatctta gacctcactt tcaactgttaa tgaagagggt tttggacagg 420	
tcacggaaaag	ggagttgaag tctggaggag ccaacacaca ggtgacggag aaaaacaaga 480	
aggagtacat	cgagcgcgat gtgaagtggc ggggtggagcg cggcgtggta cagcataaccg 540	
aggcgctggt	gcgcggcttc tacgaggttg tagactcgag gctggtgtcc gtgtttgatg 600	
ccagggagct	ggagctggtg at	622

<210> 984  
 <211> 859  
 <212> DNA  
 <213> Homo sapiens

```
<220>
<221> misc_feature
<222> (1)...(860)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (31)...(858)
<223> similar to gi4240231 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 984
gtggtggaat tcctctggag caggaggccc agtggctctt ctgacccaag gccccgccgt      60
ccagcttcta agtgccagat gatggaggag cgtgccaaacc tgatgcacat gatgaaactc      120
agcatcaagg tgttgctcca gtcggctctg agcctggggcc gcagcctgga tgcggaccat      180
gcccccttgc agcagttctt tgtagtgatg gagcactgcc tcaaacatgg gctgaaagtt      240
aagaagagtt ttattggcca aaataaatca ttctttggtc ctttggagct ggtggagaaa      300
ctttgtccag aagcatcaga tatagcgact agtgtcagaa atcttccaga attaaagaca      360
gctgtgggaa gaggccgagc gtggctttat cttgcactca tgcaaaaagaa actggcagat      420
tatctgaaag tgcttataga caataaacat ctcttaagcg agttctatga gcctgaggct      480
ttaatgatgg aggaagaagg gatggtgatt gttggctctg tgggtgggact caatgttctc      540
gatgccaatc tctggcttga aaggagaaga cttggattct caggttggag taatagattt      600
ttccctctac cttaaggatg tgcaggatct tgatggtggc aaggagcatg aaagaattac      660
tgatgtcctt gatcaaaaaa attatgtgga agaacttaac cggcacttga gctgcacagt      720
tggggatctt caaaccaaga tagatggctt ggaaaagact aactcaaagc ttcaagaang      780
agtttcagct gcaacagacc gaatttgctc acttcaagaa gaacagcagc agttaagaga      840
acaaaatgaa ttaattcga                                     859
```

```
<210> 985
<211> 1068
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (106)...(1056)
<223> similar to gi4650844 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 985
ggaattcgta tgaacactca gccccacact gctaaccctc cctcctaggc atcttcaggg      60
ctccctgggt ccacaggacc ctccccagat ctcagggtctg aggaccccca ctcccagggt      120
ctggaactgg tctctagcga cagcctgaac gtgccttcag aggaggaggt ctaccgagcc      180
gtcctgagct gggtgaaaca cgacgtggac gcccgcaggc agcatgtccc acggctcatg      240
aagtgtgtgc ggctgccctt gctgagccgc gacttcctgc tgggccacgt ggatgccgag      300
agcctggtga ggcaccaccc tgactgcaag gacctcctca tcgaggccct gaagttccac      360
```

```

ctgctgcctg agcagagggg cgtcctaggc accagccgca cacgtccccc gcgctgcgag 420
ggggccgggc ctgtgctttt tgctgtgggc ggcgggagcc tgtttgccat ccacggagac 480
tgtgaggcct acgacacgcg caccgaccgc tggcacgtgg tggcctccat gtccacgcgc 540
cgggcccggg tgggagtggc tgcggtgggg aaccggctct atgctgtggg cggctatgat 600
gggacctcag acctggctac cgtggagtcc tacgaccccg tgactaacac gtggcagccg 660
gaggtgtcca tgggcacaag gcgaagctgc ctgggtgtgg ccgccttgca tggactcctg 720
tactcggccg gcggctatga cggggcctcc tgcctgaaca gtgctgaacg ctacgacccc 780
ctgaccggaa cgtggacgtc cgtcgctgcc atgagcaccc ggaggcgcta tgtgcgagtg 840
gccacgcttg atgggaacct gtatgctgtg ggcggtact acagctcctc acacctggcc 900
actgtggata agtgaacctt tggtcgcccg tggcgctccat gctgagccta ctcagctcag 960
cgggcgtggc cgtgctggat ggtgccctgt acgtggcagg gggcaacgac tgcaccagct 1020
gcctcaactc tgtagagaga tacagtccaa ggcttgagcc tgggaagc 1068

```

```

<210> 986
<211> 678
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (119)...(681)
<223> similar to gi3183977 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 986
ccccggccga gccacgcgtc cgctcattgt gaaatttgca gctcagaaga attttttaca 60
aagactagag tcttacatcc aaatggggaa tggagtcaga gtgacaacgg ctgtacccaa 120
atctgagagg ctctcttgtc ttctccatcc tattataccc tctcctctcc atcaatgggtt 180
accgaaataa gtccaccttc tctgtgaacc gaggtccaga tggcaatcca aagactgtgg 240
ggttctacct gggaacttgg agagatggga acgttgtctg tgtgcagtct aatcatctga 300
aaaacatccc tgagaaacac agtcaagtgg cgcagtacta tgaagtattc cttcgacagt 360
ctccattgga gccctgcctt gtatttcatg aagggtggata ctggcgtgag ctcacagtcc 420
gcaccaatag ccaagggcac acaatggcta tcatcacttt ccatccccag aaattaagtc 480
aggaggagct ccatgttcag aaggagattg taaaggaatt ttcatcaga ggtcctggag 540
cagcctgtgg cttgacctca ctttacttcc aggaaagtac catgaccggt tgcagccatc 600
agcagtctcc ctatcagctt ctgtttgggg aaccctacat ctttgaagaa cttctgagct 660
tgaagatccg catctctt 678

```

```

<210> 987
<211> 2078
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (517)...(2078)

```

<223> similar to gi4050087 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 987

```

ggggagtttg atgataaaga agcatttgtg acatctgcat ataagaaaaa actgcaagag      60
agagctgaag aagaagaaaag agaaaagagg gctgctgcac tggaagcatg tttggatgta     120
accaagcaga aagatctcag tggattttat aggcacctat taaatcaagc agttggtgaa     180
gaggaagtac ctaaatgcag ctttcgtgaa gccagatctg gtataaagga agaaaaatca     240
aggggcttct ccaatgaagt aagttcaaaa aacagaatac cacaagagaa atgcattctt     300
caaaactgatg tgaaagtaga ggaaaaccca gatgcagaca gtgacttcga tgctaagagc     360
agtgcggatg atgaaataga agaaactaga gtgaactgca aaagggaaaa ggcatagag      420
acctctgaga atgacttcaa gcaccacagg agtcaaaaacc actctcggtc acctagtga      480
gaaagagggc acagtaccag gcaccacacg aaaggatcac gaacgtcgag aggacatgag     540
aaaagggaag atcagcacca gcagaagcaa tccagagacc aagagaacca ttacactgac     600
cgtgattacc ggaaagaaaag ggattctcat aggcacagag aggccagtca tagagattcc     660
cattggaaga ggcatgaaca ggaagataaa ccaagggcga gggaccaaag agaaagaagt     720
gacagagtat ggaaaaggga gaaagatagg gagaaatatt cccaaagaga acaagaaaaga     780
gatagacaac aaaatgatca gaaccgaccc agtgagaaaag gagagaagga agagaaaagc     840
aaagcaaagg aagagcatat gaaagtaagg aaggaaagat atgaaaataa tgataaatac     900
agagatagag aaaaacgaga ggtaggtgtt cagtcttcag aaagaaatca agacagaaaag     960
gaaagcagcc caaattctag ggcaaaggat aaatttcttg accaagaaaag atccaacaaa    1020
atgagaaaaca tggcaaagga caaagaaaaga aaccaagaga aacctcttaa ttctgaatca    1080
tactgggag caaaacacag actcacagag gaagggaag agaagggtaa agaacaagag    1140
agaccacctg aggcagtga caagtttgca aagcggaaca atgaagaaac tgtaatgtca    1200
gctagagaca ggtacttggc caggcagatg gcgcgggtta atgcaaagac ctatatgtgag    1260
aaagaagatg attgatggct accccaagag aaagatttaa ggaagcacag aaaactgtaa    1320
ttcctggaac ctgctgcgta aaaccataaa ggagtgtgtt accagtagtt tggagggcat    1380
ttttaaatat attttcaaaa ttttaagtta aaagtcagtc ttacagcttg gatgtttgga    1440
tgtggatgtt tggctgaatt tatatatagt gtgtactcat caataccaca ttctttgttg    1500
tattcaagaa ccgttaagag tgtgctaatt ccctgtaggt acataatgag gaaaatttgc    1560
tcactacaa ccattaaaaa ataatttttg ccagatacgg tagctcgtgc ctgtaatacc    1620
aacatttttg gaggccaaag cagaaggata ttgaggctag gcattcaaga ccagcctagg    1680
caggataata agacctgtc tctattttaa aaacaaaaag cctagcatgg tagtccatgc    1740
ctgtagtccc agctgttcaa gaggtgagg caagaagatc acttgagcct aggaatttga    1800
tgttacagtg aggtatgatc atgccactgc actccaacct gggcaacaga atgagacctt    1860
gtctctaaaa aatttttttt aaataaataa tttactctt ctaataatgt tttgttgca      1920
gaaatgtatt tcagataaaa tatggatttg aaaaacagaa aatatacttt atgttctgaa    1980
atgtgtatatt aagtataaaa tgtgaatcat cttgtctaaa ttagcttaca gcatagttgg    2040
cttaaatgga aaattaaatg atatgtctat taaaaaaa                                2078

```

<210> 988

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(784)

<223> similar to gi2564001 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 988
ctgcccgact cactcgccag ggtcaacaac ctttttacac ccaagcgcg gccaaggaga 60
tcgggcagag aatccgcaat ggggccgccc ggccccagat caaaatttac atcgactccc 120
ccaccaatac ctccatcagc gccgctagct tcagcagcct ggtgtcacca cagggcggcg 180
atggggtggc ccgggccgct cccgggagca ttaagaggac agcctctgtg gagtacaagg 240
gtgacgggtg gcggcacccc ggtgacgagg ctgccaacgg cccagcctct ggggacctg 300
tcgacagcag cagcccggag gatgcctgca tcgtgcgcat cgggtggcgag gagggcgggc 360
gccacactga agctgacgac cctgtgcctg ggggccaggc caggaacgga gctggcgggg 420
gcccaggggg ccagacgccc aaccataatc agcaggacgg ggattcaggg agcctgggca 480
gccctcgcc ctcccggag tccctggtga agggcgagc tgggccagac accagtgcc 540
gcggggagcc aggtgccaac agcaagctcc tgtacaaggc ctcggtggtg aagaaggcgg 600
ctgcacgcag gaggcggcac cccgacgagg ccttcgacca tgaggctctc gccttcttcc 660
ccgccaacct ggacttcctg tgctgcagg aggtgtttga caagcgagca gccaccaa 720
tgaaagagca gctgcacggc tacttcgagt acatcctgta cgacgtcggg gtctacggct 780
g
781

```

```

<210> 989
<211> 761
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(764)
<223> similar to gi4557143 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 989
ccgagacctc ggtgtggccc ttgaggcatt tcaatgggcg agggccggcg actgtggatc 60
tggagctgga cgcgctggag gggaaggagt tgatgcagga cggcgcgctc ctgagcgaca 120
gcaccgagga cgaggaggag ggggcgagcc tgggcgacgg cagcggggcg gaaggcgga 180
gctgcagcag cagcaggcgg tcgggcggcg atggcgggga cgaagtggag ggcagcggtg 240
tgggagctgg cgaaggagag actgtccagc acttcccgtc cgcgcggccc aagtctctaa 300
tgcagaagct ccaatgctcc ttccagacct cctggctcaa ggactttccc tggctgcgct 360
attccaagga tactggtctt atgtcttgcg gctggtgcca aaagaccctt gcagatgggg 420
gaagcgtgga ccttccccca gtggggcatg atgagctttc gcgagggacc cgcaactaca 480
agaaaaccct cctcctgagg caccacgtct ctaccgagca caaactccac gaagccaacg 540
cccaggagtc agaaatacca tcagaggagg ggtactgtga ctttaaatag aggccaaatg 600
agaactctta ttgctatcaa cttctgcgac aactaaatga acagagaaag aaagggtatt 660
tttgtgatgt cagcattgtg gtaagcggaa aaatcttcaa agctcataag aacatcctgg 720
ttgcaggcag ccgtttcttt aagactttat attgcttttc a
761

```

<210> 990  
 <211> 1415  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (24)...(877)  
 <223> similar to gi5042431 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 990

gcgggataca	ccttccgagg	aggtctccag	tgcattccaa	agtgcgggag	gttctgagtt	60
actttcacca	tcaaaagaaa	gttcggcagg	gagtggaaga	gatgctttat	agattatata	120
agcccatcct	ttggagagga	ttaaaggcca	gaaactctga	agttcgatca	aatgctgcat	180
tgttggtttgt	tgaagcattt	cctattaggg	atccaaacct	tcatgctatt	gaaatggata	240
gtgaaatcca	gaaacagttt	gaagagctct	atagcctttt	agaagatcct	tacccgatgg	300
tccgttccac	agggatcctt	ggtgttttga	aaataacttc	taagtactgg	gaaatgatgc	360
ccccgaccat	tcttattgac	ctcctgaaga	aggtgactgg	ggaactggca	tttgacacga	420
gctcagctga	tgttcgttgt	tctgtcttta	agtgtctgcc	aatgattttg	gacaacaaac	480
tgagccaccc	cattttttaga	gcagctcctt	ccagctctca	gatacagtct	ccacgacaat	540
tcgggagaaa	gtgagggtag	cttttgtgga	catgctgttg	aagatcaaag	ctgtgagggc	600
tgctaagttt	tggaaaatat	gtcccatgga	gcacattctg	gttcgtctgg	aaactgattc	660
tcgacctgtg	tctcggcgcc	tggtgagcct	catctttaat	tctttcctgc	ctgtgaatca	720
gccggaggag	gtctggtgcg	agcgtctgtg	caccctggtg	cagatgaacc	acgccgctgc	780
caggaggttc	tatcagtacg	cccacgaaca	caccgcctgc	accaacatag	caaagctgat	840
tcacgttatt	cgtcattgct	taaatgcctg	tatccagagg	gcagtgagag	agcctccaga	900
ggacgaggag	gaagaggacg	gaagggagaa	ggagaatgtg	actgatgac	gctgcaagat	960
ccctttattc	atgctaattg	cctttatgcc	ggcctctgct	gtccccccat	tcagctgtgg	1020
tgtgatttcc	acgctgagaa	gccgggagga	gggcgctgtg	gacaagagct	actgcacttt	1080
gttggaattgc	ctctgctcct	gggggcaggt	ggggcacatt	ctggagcttg	ttgacaactg	1140
gctgccacac	gagcatgccc	aggccaagag	caacacagct	tctaaaggta	gggtgcagat	1200
ccatgacaca	cgcccgatca	aacctgaatt	ggcattggtc	tacattgagt	atctgctgac	1260
tcatccaaag	aaccgcgagt	gcttgctctc	tgctcctcgg	aagaaaactta	accatctttt	1320
gaaagccctt	gaaacgtcaa	aggcagatct	ggagtcactt	ctgcagacac	cgggtgggaa	1380
gcctcgtggc	ttcagtgaag	cagctgcccc	ggcgc			1415

<210> 991  
 <211> 561  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (33)...(561)  
 <223> similar to gil504006 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



```

<400> 991
gcttccaaac tcagcaggcc aagctgatct acaagtgcgc catgtgcgac acagtcttca    60
ctcaciaaac cctcctctcc tcacacttcg accagcactt gcttgccctg gggccaccag   120
caatgtgtgc ccaacctgcc ccatgatgct cccaatcgc tgcagcttca gcgcccacca   180
gcgcatgcat aagaatcgac ccccccattg ctgtcctgag tgtgggggca acttcctgca   240
agccgatttt cagacccatc tccgggaggc ctgtctgcac gtctctcgcc gtgtaggata   300
caggtgcccc agctgttcag tgggtgtttg ggggtgtgaac tccatcaagt cccacatcca   360
gacgtcgcac tgcgggggtt tccacaagtg ccccatctgc cccatggcct tcaagtctgg   420
gccaagtgcc catgcccacc tctactccca gcacccagc ttccaaactc agcaggccaa   480
gctgatctac aagtgcgcca tgtgcgacac agtcttcact caciaacccc tcactctcct   540
cacacttcga ccagcacttg t

```

```

<210> 992
<211> 1713
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1258)...(1713)
<223> similar to gi841318 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 992
tttcgtagca gcttgggtcg gacagggtcg ctaggtagag cgccgggacc tgtgacaggg    60
ctggtagcag cgagaggaa aggcgggcttt tagccaggta tttcagtgtc ttagagacaag   120
atggaatcat ctccatttaa tagacggcaa tggacctcac tatcattgag ggtaacagcc   180
aaagaacttt ctcttgtcaa caagaacaag tcatcggcta ttgtggaaat attctccaag   240
taccagaaa gagctgaaga aacaaacatg gagaagaaga gaagtaacac cgaaaatctc   300
tcccagcact ttagaaagg gaccctgact gtgttaaaga agaagtggga gaacccaggg   360
ctgggagcag agtctcacac agactctcta cggaacagca gcactgagat taggcacaga   420
gcagaccatc ctctgctga agtgacaagc cacgctgctt ctggagccaa agctgaccaa   480
gaagaacaaa tccacccag atctagactc agggcacctc ctgaagccct cgttcagggt   540
cgatatcccc acatcaagga cggtaggat cttaaagacc actcaacaga aagtaaaaaa   600
atggaaaatt gtctaggaga atccaggcat gaagtagaaa aatcagagat cagtgaaaac   660
acagatgctt cgggcaaaa agagaaatat aatgttccgc tgaacaggct taagatgatg   720
tttgagaaa gtgaaccaac taaaactaag attctccggg cccaaagccg aagtgcaagt   780
ggaaggaa gctctgaaaa cagctattct ctagatgacc tggaaatagg cccagggtcag   840
ttgtcatctt ctacatttga ctcgagaaa aatgagagta gacgaaattt ggaacttcca   900
cgctctcag aaacctctat gaaggatcga atggccaagt accaggcagc tgtgtccaaa   960
caaagcagct caaccaacta tacaaatgag ctgaaagcca gtggtggcga aatcaaaatt  1020
cataaaatgg agcaaaagga gaatgtgccc ccaggctcct aggtctgcat caccatcag  1080
gaaggggaaa agatttctgc aaatgagaat agcctggcag tccgttccac ccctgccgaa  1140
gatgactccc gtgactccca ggttaagagt gaggttcaac agcctgtcca tccaagcca  1200
ctaagtccag attccagagc ctccagtctt tctgaaagtt ctctcccaa agcaatgaag  1260
aagtttcagg cacctgcaag agagacctgc gtggaatgtc agaagacagt ctatccaatg  1320
gagcgtctct tggccaacca gcagggtgtt cacatcagct gcttccgttg ctctatttgc  1380
aacaacaaac tcagtctagg aacatatgca tctttacatg gaagaatcta ttgtaagcct  1440
cacttcaatc aactctttaa atctaagggc aactatgatg aaggcttttg gcacagacca  1500

```

cacaaggatc	tatgggcaac	aaaaattgaa	acggaggggt	tttgggagag	accacgcaac	1560
tttgaaaatc	aaggagagacc	cctcaaaaagc	ccaggggggtg	aagattgccc	cagttgctaa	1620
ggtggttgtc	ctggctcgaa	ttattgagcc	caaggctcct	cttcacgaga	gaaaggagga	1680
caagccagct	ggaacccgaa	acttaggtgc	gcc			1713

<210> 993  
 <211> 791  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (5)...(579)  
 <223> similar to gi4519621 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400>	993					
gcgctccgcc	ctctccagct	cccctctcct	tttgtttttc	ataaaactgca	gggatcaggc	60
cctctggtcc	tgacagagga	ggagaagagg	accctgatcg	ctgaggggcta	tcccatcccc	120
accaaattgc	ccctgtcaaa	atcagaggag	aaggccctga	agaaaattcg	gaggaagatc	180
aagaataaga	tttctgctca	ggaaagtagg	agaaagaaga	aagaatacat	ggacagcctg	240
gagaaaaaag	tggagtcttg	ttcaactgag	aacttggagc	ttcggaagaa	ggtagagggtt	300
ctagagaaca	ctaataggac	tctccttcag	caactccaga	agcttcagac	tttggtgatg	360
ggcaaggttt	ctcgaacctg	caagttagct	ggcacgcaga	ctggcacctg	cctcatgggtt	420
gtggtgctgt	gctttgccgt	tgcatctcgc	agcttctttc	aaggctacgg	gccctatcct	480
tctgccacca	agatggctct	gcccagccag	cattccctgc	aggagcccta	cacagcctcc	540
gtggtgagat	ccagaaacct	gctgatctac	gaggaacatt	ctcccccaga	ggagtcattcc	600
agcccgggct	cggctgggga	gctggggggc	tgggatatag	gttcctccct	gctcagggtg	660
tcagggtg	agtcaggcc	ggatgtggat	cttccccatt	tcattatctc	gaatgagacc	720
agcctggaga	agtcagtgt	tttgagctg	cagcagcacc	tggtcagcgc	caaactggga	780
ggggaatgaa	a					791

<210> 994  
 <211> 894  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(896)  
 <223> similar to gil663700 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 994
agaggacccc aacttgaaag aaaggggaaca gctgggatca gaccagacaa atttgtttcc 60
aaaggactct gtcccctcag agagtcttcc aattactgta caacctcaag ctaatacggg 120
acaggtagtc ctgataccag ggctcatttc gggtttgga gaggatcagt atggcatgcc 180
cctggccatc ttcacaaaag gatatactgtg ttgaccttac atggcattgc agcagcatca 240
tcttctctcc gatgtcaccg ttcgggggtt tgttgctgga gctactaaca tcctttttcg 300
acaacagaaa cacctcagtg atgccattgt ggaagtagaa gaagctctga tccagatcca 360
tgatccagaa ctcaggaagc tgcttaaccc aaccactgca gacctaaagt tcgcagacta 420
cctagtgagg cacgtgactg agaatcggga tgacgtcttc ctagatggca cgggctggga 480
gggaggtgac gaatggatcc gggcccagtt tgcggtctac attcatgccc tgctggctgc 540
cacgtgcaa ttagacaatg aaaagatatt atcggactat gggacaactt ttgttacagc 600
atggaagaat actcacaact acagggtgtg gaacagcaac aagcatccag cacttgca 660
aataaatcca aaccatccat ttcaaggcca atactcagta tcagacatga agttaagg 720
ctcacattct gttcagaata gtgaacgtgg caaaaaaatt ggaaacgtca tggtcacaac 780
tagccggaat gttgtacaaa caggaaaagc tgttgccag tcagttggag gagctttttc 840
cagtgc aaaag acagctatgt cttcatggct ttccactttc accagttcca cctc 894

```

```

<210> 995
<211> 568
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(258)
<223> similar to gi330130 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 995
gtcacacgca ccccttttca cagcaccccc ggctcacacg cccccccctc acacgcaccc 60
cgggctcaca cgcacccccg gctcacacgc accccgggct cacacgcacc ccctcttaca 120
cgcacccccg gccacatgc actccggctc acacacaccc tcatcatgc accccgggcc 180
cacacgcacc ccagctccca tgtacccctg ctcatatgca cccagctcc catgcatccc 240
gggctcacac acaacttgac tcacacgtct caggttcatg catccgtccc ctggtgcgtc 300
tccgggccgc cctccaccgg gctgtgctgg ctgccacccc caagcctctt cctgggtctcc 360
tgggaagcct cccctatcac cctaagctgc ttctggggct ggctttgctc aaaagccaca 420
cccaggctgg gcactgtgcc caggtctcct attggctccc tgcagccacg aggggctgtg 480
tggtcagagc cagcaagtca gcccctgcct tgggtactccc aatcctgggg cccagagcac 540
aggggtgacc cctcttctct caccagct

```

```

<210> 996
<211> 424
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc\_feature  
 <222> (16)...(120)  
 <223> similar to gi4929595 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 996  
 gtcgacgatt tcgtctgtca cggaccttgc cgccttcttc tacttcgcat ccgccgagcc 60  
 tgcccgggtc cgggcgcttg tctatgggca ccacggggat ccagccaagg tcgtcgagta 120  
 agagacggcg ccgaaaccgg ggaaggggac tgggggtttct ggaaggcttt aacacgagct 180  
 gcggactggg aagagagggg cagggtccga ggaagggggc agagaatagc aaaccgaagc 240  
 cgaagcccag ggcgtttttg gtaggtcaga aagaccgtac ttgaaggtag ctgaagaccc 300  
 gagaggcaat tatcagggta ttaatggctg atgtttattg atcgaatatt gtgtcaggca 360  
 atcccttggt taaatggatg ctctcattta attgtcacaa caatgttttg gggtagttat 420  
 tgat 424

<210> 997  
 <211> 2452  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (9)...(2453)  
 <223> similar to gi5006445 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 997  
 cgatttcgtg ggaagctcag attgcggaaa tcattcagtg ggtcagtgac gagaaagatg 60  
 cccgggggta ccttcaagct cttgcttcca agatgaccga agagctcgag gctttgagga 120  
 gttctagtct ggggtcaaga acactggacc cgctgtggaa ggtgcgccgc agccagaagc 180  
 tggacatgtc cgcgcggctg gagctgcagt cggccctgga ggcggagatc cgggccaagc 240  
 agcttgtcca ggaggagctc aggaaggtca aggacgccaa cctcaccttg gaaagcaaac 300  
 taaaggattc cgaagccaaa aacagagaat tattagaaga aatggaaatt ttgaagaaaa 360  
 agatggaaga aaaattcaga gcagatactg ggctcaaact tccagatttt caggattcca 420  
 tttttgagta tttcaacact gctcctcttg cacatgacct gacattttaga accagctcag 480  
 ctagttagca agaaacacaa gctccgaagc cagaagcgtc cccgtcgatg tctgtggctg 540  
 catcagagca gcaggaggac atggctcggc cccgcgagag gccatccgct gtgccgttgc 600  
 ccaccacgca ggccctggct ctggctggac cgaagccaaa agctcaccag ttcagcatca 660  
 agtccttctc cagccctact cagtgcagcc actgcacctc cctgatgggt gggctgatcc 720  
 ggcagggcta cgcctgcgag gtgtgttctt ttgcttgcca cgtgtcctgc aaagacggtg 780  
 cccccaggt gtgcccataa cctcccagac agtccaagag gcctctgggc gtggacgtgc 840  
 agcgaggcat cggaacagcc tacaaggcc atgtcaaggt cccaaagccc acgggggtga 900  
 agaagggatg gcagcgcgca tatgcagtcg tctgtgactg caagctcttc ctgtatgatc 960  
 tgcctgaagg aaaatccacc cagcctgggtg tcattgcgag ccaagtcttg gatctcagag 1020  
 atgacgagtt ttccgtgagc tcagtctctg cctcagatgt cattcatgct acacgccgag 1080  
 atattccatg tatattcagg gtgacggcct ctctcttagg tgcaccttct aagaccagct 1140  
 cgctgctcat tctgacagaa aatgagaatg aaaagaggaa gtgggttggg attctagaag 1200

gactccagtc	catccttcat	aaaaaccggc	tgaggaatca	ggcgtgcat	gttcccttgg	1260
aagcctacga	cagctcgtg	cctctcatca	aggccatcct	gacagctgcc	atcgtgggatg	1320
cagacaggat	tgcagtcggc	ctagaagaag	ggctctatgt	catagaggtc	acccgagatg	1380
tgatcgtccg	tgccgctgac	tgtaagaagg	tacaccagat	cgagcttgct	cccaggggaga	1440
agatcgtaat	cctcctctgt	ggccggaacc	accatgtgca	cctctatccg	tgggtcgtcc	1500
cttgatggag	cggaaggcag	ctttgacatc	aagcttccgg	aaaccaaaagg	ctgccagctc	1560
atggccacgg	ccacactcaa	gaggaactct	ggcacctgcc	tgtttgtggc	cgtgaaacga	1620
gaaatccttt	gctatgagat	ccagagaacg	aagccattcc	acagaaaagt	caatgagatt	1680
gtggctcccc	gcagcgtgca	gtgcctggcg	gtgctcaggg	acaggctctg	tgtgggctac	1740
ccttctgggt	tctgcctgct	gagcatccag	ggggacgggc	agcctctaaa	cctggtaaat	1800
cccaatgacc	cctcgtttgc	gttcctctca	caacagtctt	ttgatgccct	ttgtgctgtg	1860
gagctcgaaa	gcgaggagta	cctgctttgc	ttcagccaca	tgggactgta	cgtggacccg	1920
caaggccgga	gggcacgcgc	gcaggagctc	atgtggcctg	cggctcctgt	cgctgtagt	1980
tgacgcccca	cccacgtcac	ggtgtacagc	gagtatggcg	tggacgtctt	tgatgtgcgc	2040
accatggagt	gggtgcagac	catcggcctg	cggaggataa	ggccccgaa	ctctgaaggc	2100
accctcaacc	tcctcaactg	cgagcctcca	cgcttgatct	acttcaagag	caagttctcg	2160
ggagcggttc	tcaacgtgcc	ggacacctcc	gacaacagca	agaagcagat	gctgcgcacc	2220
aggagcaaaa	ggcggttcgt	cttcaaggct	ccagaggaag	agagactgca	gcagaggcga	2280
gagatgctta	gagaccaga	attgagatcc	aaaatgatat	ccaacccaac	caacttcaac	2340
cacgtggccc	acatgggccc	aggcgacggc	atgcaggtgc	tcatggacct	gcctctgagt	2400
gctgtgcccc	cctcccagga	gaaaaggccg	ggccccgctc	ccaccaacct	gg	2452

<210> 998

<211> 1229

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(1229)

<223> similar to gill176422 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 998

acagtcgtcc	tcaaggattt	tatcctggaa	cattatagtg	aagatggcta	tttatatgaa	60
gatgaaattg	cagatcttat	ggatctgaga	caagctcgtc	ggacgcctag	ccgggatgag	120
gccggggtgg	aactgctgat	gacatacttc	atccagctgg	gctttgtcga	gagtcgattc	180
ttcccgccca	cacggcagat	gggactcctg	ttcacctgg	atgactctct	cactgggggt	240
ccggtcagcc	agcagaacct	gctgctggag	aaggccagt	tcctgttcaa	cactggggcc	300
ctctacaccc	agattgggac	ccggtgtgat	cggcagacgc	aggctgggct	ggagagtgcc	360
atagatgcct	ttcagagagc	tgacgggggt	ttaaactacc	tgaaagagac	atttaccat	420
actccaagtt	acgacatgag	ccctgccatg	ctcagcgtgc	ttgtcaaaat	gatgcttgca	480
caagcccaag	aaagcgtggt	tgagaaaatc	agccttcctg	ggatccggaa	tgaattcttc	540
atgctggtga	aggtggctca	ggaggctgct	aagggtgggag	aggctctacca	acagctacac	600
gcagccatga	gccaggcgcc	ggtgaaagag	aacatcccct	actcctgggc	cagcttagcc	660
tgctgaagg	cccaccacta	cgcggccctg	gcccactact	tactgccat	cctcctcatc	720
gaccaccagg	tgaagccagg	cacggatctg	gaccaccagg	agaagtgcct	gtcccagctc	780
tacgaccaca	tgccagaggg	gctgacaccc	ttggccacac	tgaagaatga	tcagcagcgc	840
cgacagctgg	ggaagtccac	ttgcgcagac	catggctcatc	acgaggagtc	ggtgcgggag	900
gccagcctct	gcaagaagct	gcggacgatt	gaggtgctac	agaaggtgct	gtgtgccgca	960

```
caggaacgct cccggctcac gtacgcccag caccaggagg aggatgacct gctgaacctg 1020
atcgacgccc ccagtgttgt tgctaaaact gagcaagagg ttgacattat attgccccag 1080
ttctccaagc tgacagtcac ggactttctt cagaagctgg gcccttatct gtgttttcgg 1140
ctaacaagcg gtggacgcct cctcgaagca tccgcttcac tgcagaagaa ggggacttgg 1200
ggttcccttg agagggaacg ccccgttca 1229
```

```
<210> 999
<211> 411
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (16)...(389)
<223> similar to gi2702321 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 999
gccgcccagg aacggctccc ccagcgggaa atgacaagtc cacccaaact ggaaaacgcc 60
cagagtgagt cataggactc ccacaggact ggataggacc agttttcccc tccccgagag 120
gacaccgagc ctcctctgtc ccgcgcacatg gaggggatcg cctccctggc ccagacccca 180
cgcttccgga ggcgatctgt tctttccacc gcggcgcccc gaaagcactg tctcccctcg 240
gggttccggg tcaccgaccc catcccacag agcggcgggg ggactgcagg cacggccggc 300
tcaggggtacc cgagctcggc ggaaaatgca gaggccgcgc tcgcccccaa ctaacgggtc 360
tggacccgcc cagcgcagcc cccgacggac gcaggtttcg cgcggacgaa a 411
```

```
<210> 1000
<211> 556
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (110)...(559)
<223> similar to gi2232237 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1000
tttcgtgggc cggttgctaa gacttggcga agcgtgcgc ttgcgcccgg atccctcagg 60
cggctgcagg cttcagcctg cgctggttgg tgaaacagag atgtcagaaa aggagaacaa 120
cttcccgcca ctgcccaggt tcatccctgt gaagccctgc ttctaccaga acttctccga 180
cgagatccca gtggagcacc aggtcctggt gaagaggatc taccggctgt ggatgtttta 240
ctgcgccacc ctcggcgtca acctcattgc ctgcctggcc tgggtggatcg gcggaggctc 300
```

ggggaccaac	ttcggcctgg	ccttcgtgtg	gctgctcctg	ttcacgcctt	gcggtctacgt	360
gtgctgggtc	cggcctgtct	acaaggcctt	ccgagccgac	agctccttta	atttcatggc	420
gtttttcttc	atctttcggg	gccagtttgg	tcctgaccgt	catccaggcg	attggcttct	480
ccggctgggg	cgctgctggc	tggctgtcgg	caattggatt	cttccagtac	agcccgggcg	540
ctgccgtggt	catgct					556

```

<210> 1001
<211> 1438
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (210)...(1044)
<223> similar to gi437181 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1001						
cggcgcccgt	ctgcatcggc	tcctgcctcg	tggacatctc	ctacagcgag	accaagagga	60
ggcacgtggt	ccggctgacc	accgctgact	tctgtgaata	tctctttcag	gctgaggacc	120
gggatgacat	gctgggctgg	atcagagcga	tccgggagaa	cagcagggcc	gagggcgagg	180
accccggtcg	tgccaaccaa	gctctgatca	gcaagaagct	taatgattat	cgaaagtga	240
gccatagctc	tgggccc aaa	gctgattcct	cccccaaagg	ctctcgcggc	ctggggggcc	300
tcaagtctga	gttcctcaag	cagagtgcgg	cacgtggcct	caggactcag	gacctgcccg	360
cagggagcaa	ggatgacagt	gctgcagccc	ccaaaacccc	ctggggcatc	aacatcatca	420
agaaaaataa	gaaggccgct	ccgagggcgt	ttgggggtcag	gctggaggag	tgccagccag	480
ccacggagaa	ccagcgcgtc	cccttaatcg	tggctgcatg	ctgtcgcatc	gtggaggcac	540
gagggctgga	gtccacaggc	atttaccgag	tgcccggcaa	caatgcagtg	gtgtccagcc	600
tacaggagca	gctcaaccgc	gggcctgggt	acatcaacct	gcaggatgag	cgctggcaag	660
acctcaatgt	gatcagcagc	ctgctcaagt	ccttcttccg	aaagctgccc	gagcctcttt	720
tactgatga	caaatacaac	gacttcatcg	aggccaaccg	cattgaggac	gcgcgggagc	780
gaatgaggac	gctgcggaag	ctgatccggg	atctcccagg	acactactat	gaaacgctca	840
aattccttgt	gggccatcct	caagaccatc	gctgaccact	ctgagaaaaa	caagatggaa	900
ccccggaacc	tggccctggt	ctttggggccg	cccctgggtga	ggacgtttga	ggacaacatg	960
acagacatgg	tgaccacat	gcctgaccgc	tacaagatcg	tgggagacac	tgatccagca	1020
cttagactgg	tttttcagt	acgaagaggt	acaagggaga	gagaaccccct	tgtggggcgac	1080
aagggacctt	caggcagtgc	ccaacattga	gtaccttcct	gccaacatt	tggcaggaca	1140
gtgccccctg	gcgacccggg	gtcagcggac	ctgttgagaa	tttaaaggat	tctaccacct	1200
gtagttcagc	caagtccaag	ggttcgtggg	cccccaagaa	tggagccgta	ctgccctggg	1260
agatgctggc	tgatctccta	tcagtctctg	gcctgtcata	cctgcaatgc	gcaatgaatg	1320
ctggctggga	tggcgcgcgg	ggctgtggca	gcagacacct	gacgactgac	tctggagcag	1380
tgaggcgcac	agagcctggg	gcggggggcca	cagcgccggg	gacatcagga	gcggccgc	1438

```

<210> 1002
<211> 676
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (280)...(675)

<223> similar to gi3127926 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1002

gggtcgaccc	acgcgtccga	cggattaggg	gcataagtca	cctgatgctt	tggctgaggt	60
ttggaagggtg	cctgattcat	tgcgaaaggc	tcttataaat	tcatccattg	ggctcaccta	120
cccttttaggg	aagtaatctt	tcccaatgtg	gtctcagaaa	taaagtggat	tgacagcatg	180
ccatctcaac	gatgaagaga	agctccactg	agcaatactg	tgccccagga	gatgtcataa	240
ctgcacacct	gtgtgcctac	atcttgctgc	ttcttatcac	aaaacaaagg	agtttgttca	300
agaggatattt	ccaaatgccc	agcattccca	actgaagtgg	cctttgcctt	ggacatgtca	360
aatgatgtct	ccctgttggg	ttttgagagg	atgagagaca	ttttattgtc	tctgttgatg	420
aagatggaaa	taagtgcacg	taactgccc	acagggtgcc	gtgtggccat	tgtttcctac	480
aatgccaaaa	ccaattactt	ggttcgtttc	tcagactaca	aggggaaggt	tgactcctg	540
gagggtgtca	ggaacatccc	cctggagcag	tcactctggc	gcaggaacct	cggggccacc	600
atgagggttta	tggcgagacg	tgttcaaacg	tgtacgctcg	ggtcttctca	tgaggaaggt	660
ggctgtgttc	ttccag					676

<210> 1003

<211> 1207

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(1207)

<223> similar to gil872200 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1003

tcaccgtaac	ctccaccttc	caggttgaag	caattctcct	gcctcccacg	tagctgggat	60
tacaggcatg	caccaccaca	cccggctaata	tttgatattt	tagtagagct	ggggtttctc	120
catattgggtc	aggctgctct	tgaactcccg	atatcaggtg	atccacctgc	ctcagcctcc	180
caaagcgctg	ggattatagc	atgagccact	gcgcctggcc	tgagggtttt	ttctaagatt	240
ccttgtaata	ttctacgtat	acaatcatgt	catatgtaaa	tataaagttt	tatttcttct	300
ctacgtgtat	gacttctatt	tcactttctt	gcctcattgt	gcttgataga	agttacagta	360
ctacaatgaa	taagagtggc	aggagcaaac	atccttgcc	tgttcccagt	tttacaggga	420
aagcattcat	cttaccagca	aatatatattg	ctataaatat	tttgtgcatg	ttcattcatc	480
aaattgagga	agatcctctc	aatgtctagt	atggagagtt	tttatcatgg	atggatattg	540
cattttgtca	aatcctttct	ctattattaa	ctgatgttat	gtaatttttc	ttcttttagcc	600
tatgctgggt	taattacatt	gatcgatttc	tgaatgttga	accagccttg	cttgtataac	660
tcaataaat	cccacttggt	tattatgggtg	tatacttttt	acatgactgt	tttctatttg	720
ctagtatttt	gttaaagatt	tttgctacta	aatttatgag	aggtatatgt	ctgtagttgt	780



attatTTTTg	tactgtctgt	atgatttttg	catcaaaaata	atTTTTtaaa	tgtgttaaga	840
aatgttccct	cttggccggg	tgcggtggct	cacacctgta	atcccagcac	tttgggagac	900
caacgtggac	agatcatgag	gtcaggagtt	ggagaacagc	ctggcctgag	gtttttttct	960
aagattccct	gtaatatctt	acgtatacaa	tcatgtcata	tgtaaataata	aagttttatt	1020
tcttctctac	gtgtatgact	tctattttcac	tttcttgcct	cattgtgctt	gatagaagtt	1080
acagtactac	aatgaataag	agtggcagga	gcaaacaatcc	ttgccttggt	cccagtttta	1140
cagggaaagc	attcatctta	ccagcaaaata	tatttgctat	aaatattttg	tgcattgttca	1200
ttcatca						1207

<210> 1004  
 <211> 1095  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(894)  
 <223> similar to gi3192950 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1004						
ccagccacga	tagacaagag	acgccaaagat	ggcaccaaca	gcagcaacaa	gccttacagg	60
agactttcag	agagagaatt	tgacccaaat	aagcactgtg	gagtattgga	tgccgagaca	120
aagaaaacct	gcacaagatc	cctcacctgc	aagacacatt	cgctaagcca	tcggagggga	180
gtcccaggcc	ggaaaaagca	atttgacctc	ctcctggcag	aacacaaagc	aaagtcccgg	240
gaaaaagaag	ttaaagataa	agagcatctc	ctgacttcca	cgagggaat	acttccaagc	300
caatccgggc	cggcacagga	ttctctgcta	gggtcttcag	ggagctctgg	gccagaacca	360
aaagttgcat	cccctgcaaa	atccagacca	cccaactctg	tacttcctag	accatcatct	420
gcaaatagca	taagcagcag	cacatcttca	aatcatagcg	gccacactcc	agagccccca	480
ctcccaccgg	ttggagggtga	cctcgccagc	cgactgtcca	gtgatgaagg	ggagatggac	540
ggagccgacg	aatccgagaa	gctagactgt	cagttctcca	cgcaccaccc	cagacctctg	600
gcgttttgct	catttgggag	tcgcctcatg	ggacgagggt	actatgtgtt	tgatagaaga	660
tgggatcggt	ttcgattcgc	actaaactcc	atggtagaaa	aacacctgaa	ttcacagatg	720
tggaaacaca	gaaacccgag	ccacagggca	tcagggtccct	ccccctggt	caggacttgc	780
ctaaccaatc	tgctgtcact	gagcaacatt	ggggctgcct	gggtgtcaac	tctggagagc	840
gtagcacccc	gctaccctct	caacctcgct	gccccaaacc	caggccccgg	cgggcccga	900
cctggaggga	tggcagccga	tgggggcgtg	gaagacatta	ggaagaaaag	gaacggccaa	960
gactcttttt	ttctttaaca	agcatttaac	tctgcatcag	gagccgcca	cacagcattc	1020
tctttcagcc	aggaagatcc	ctcctgcggc	agatagcccc	ctgccctcgc	cagcagccca	1080
catcaccaca	cgaaa					1095

<210> 1005  
 <211> 1293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1294)...(3)  
 <223> similar to gil389741 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1005

ttctctgatg	tgctacaagg	gttgtcttct	ggcggaagga	ctttccacat	tcactacaaa	60
tatagggttt	ctcctcatta	tgagttttct	catgaagagc	aagggttgtc	ttctgggaga	120
aggatttccc	acattcatta	caaatatagg	gcttttcccc	tgtatgagtt	ctctgatgta	180
cagtaagatt	tgccttctgg	tgaaaggact	tcccacattc	tttaciaaata	tagggtttct	240
cacctgtatg	gattctctga	tgtagagaga	gtgttgtctt	ctggaaggac	ttcccacagt	300
cattacactc	atatgggtttc	tctcccggtg	gagttctctg	atgacgaatg	aggtgtgact	360
tcaatctgaa	ggcattccta	cattgcagac	attcatacga	tttctccccct	gtgtgtgttc	420
tctgatgatc	agtgagggct	gtcttgaggc	ggaaggactt	accacattca	ttgcaaacia	480
agggtttctc	tcctgtgtga	gtcctctgat	gatcaatgag	atatgatttc	cttctaaatg	540
catttccaca	ttgatgacat	tgatagggtt	tttcttctga	gtgaattccc	tgatgcagaa	600
tcaataactga	tttctgcag	aaagatttcc	cacattcatt	gcatgtatgt	tttttttcaa	660
tattgggtgc	tcttcttttt	ttattatata	cagatgggtt	ttctcctttg	taagggtctac	720
tatgtgtaat	caggcctccc	ctttgaagga	atgatttctc	acagtcatta	tatccaaatg	780
actgtgctgg	agtttccggt	ttctgatact	gcataagaac	ttcattatga	ctgaaagctc	840
tggcactttg	attatgggat	ttgacttcag	gatgagtagt	ctcttggtta	gtactcagga	900
gtgatttccc	atatccatta	tactcactaa	gtctctttct	tgcaggattt	agattactga	960
tgattaattc	tgaaacattt	ttcaaaatcc	ttccatgagt	atcatattca	ggaggtagat	1020
tttttgaaatt	cacagggttt	ttgcctagag	taaatgtctt	ttcatatatt	ttactcttct	1080
ccttcaccag	ttttttgtgg	ttgatgctta	caactgatct	agaatacttc	tcttggtggt	1140
ccttgaattt	cactaaaaag	tcttcagctt	tccagttttc	ttccaagcag	gtatgacctg	1200
caaatgatgt	ccatgggctc	ttctctcggt	ccaaccttga	gatcacatca	ggtttggcat	1260
gtgacacccc	acagaaatga	ggtggcaata	gtt			1293

<210> 1006  
 <211> 654  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(655)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (47)...(654)  
 <223> similar to gi4186073 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1006

```
ctccccgtct cttccctggc cttgccctct ctctttctgc cctgtagccg cgggcgtcca 60
aatgaagctg gaattcctcc agcgcaaatt ctgggcggca acgcggcagt gcagcactgt 120
ggatggggccg tgcacacaga gctgcgagga cagtgatctg gactgcttcg tcatcgacaa 180
caacgggttc attctgatct ccaagagggtc ccgagagacg ggaagatttc tgggggaggt 240
ggatggtgct gtcctgaccc agctgctcag catgggggtg ttcagccaag tgactatgta 300
tgactatcag gccatgtgca aaccctcgag tcaccaccac agtgcagccc agcccctggt 360
cagcccaatt tctgccttct tgacggcgac caggtggctg ctgcaggagc tgggtgctgtt 420
cctgctggag tggagtgtct ggggctcctg gtacgacaga ggggccgagg ccaaaagtgtg 480
tcttccatca ctcccacaaa cacaagaagc aggacccgct gcagccctgc gacacggagt 540
accccggtgtt cgtgtaccag cccggccatc cgggaggcca acggggattc gtggagtgcg 600
ggcccttncc agaaagggtg tttgttggtg cangcagatt ccnaacatta aact 654
```

```
<210> 1007
<211> 409
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(410)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (263)...(410)
<223> similar to gi306832 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1007
agaaaccnaa cagatctgtg gggcaggaaa atgtttcttt tccagctttc acagctctct 60
gagaaggggc atggtgggaa ttttagccga tttaataaaa gctgcagcat gagacctgtg 120
aatcccaccc tgctgcttcc tggatcctgc cacaccccat ccagcagcaa ccaagccagt 180
ctcggcccctg actgggacag agtggctgag aggggctctg gagccagctg cctggatttg 240
aatcccagct gtgccactta ccagctgtgt gactgtagga agctactctt tgtccgtgcg 300
agactacgac cctcggcagg gagataccgt gaaacattac aagatccgga cccttgaaca 360
aacggggctt ctacatatcc cccccgaagc accttcagca ctctgcagg 409
```

```
<210> 1008
<211> 1145
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(1147)
<223> similar to gi896065 in the genepept database release 114,
```

Run with FASTXY 3.3t00, default parameters

```

<400> 1008
aaagattctg ttttgaatat agccagagga aaaaagtatg gagaaaaaac taagagagtg      60
tcttctcgga aaaaaccagc cttgaagtgt cttctcagaa acaaccagca ttgaaggcta      120
tctgtgacaa ggaagattct gttccgaata cggccacgga aaaaaaggat gaacaaatat      180
ctgggacagt gtcttctcag aaacaaccag ccttgaaggc tacaagtgac aagaaaagatt      240
ctgtttcgaa tatacccaca gaaataaagg atggacaaca atctggaaca gtgtcttctc      300
agaaacaacc ggctggaaag gctacaagtg tcaagaaaga ttctgtttcg aatatagcca      360
cagaaataaa ggatggacaa ataccgtggg acagtgtctt ctcagagaca accagccttg      420
aaggccttaca ggtgatgaga aagattctgt ttcgaatata gccagagaaa taaaggatgg      480
agaaaaatct gggacagtgt ctctcagaa acaatcggcc cagaaggtta tatttaaaaa      540
gaaagtttct cttttgaata ttgccacaag aataacgggc ggttggaat ctggaacaga      600
gtatcctgag aatctgcccc ccttgaaggc tacaattgaa aataaaaaatt ctgttctgaa      660
tacagccacc aaaatgaaag atgtacaaac atccacacca gaacaagact tagaaatggc      720
atcagaggga gagcaaaaaga ggcttgaaga atatgaaaat aaccagccac aggtgaaaaa      780
ccaaatacat tctagggatg accttgatga cataattcag tcatctcaaa cagtctcaga      840
ggacggtgac tcgctttgct gtaattgtaa gaatgtcata ttactcattg atcaacatga      900
aatgaagtgt aaagatttgt ttcacctatt gaaaattaaa aagacatttt gtttatgtaa      960
aagattaaca gaacttaaaag ataactactg tgagcaactt agagtaaaaa ttcgaaaact     1020
gaaaaataag gctagtgtac taaaaagag actatctgaa aaagaagaaa taaaatcgca     1080
gttaaagcat gaaacacttg aattggaaaa agaactctgt agtttgagat ttgccatata     1140
gcaag                                         1145

```

```

<210> 1009
<211> 1045
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (104)...(1048)
<223> similar to gi4406218 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1009
cggggaaata ggtaaacatt agctctacag tcttttcttc gataaccata tgcccactcc      60
agtttgagct tctcaggagg cagttccggt ctgatgtcat ctagttgtc aacatcgga      120
ggaatgaaca tggtaatcga ggaaaggact gtagagctaa tgtttacctt cttccgaccg      180
gggaaatagt ttatttcatt gcatcagtag tagtactatt taattatgag gagagaactc      240
agcgacacta cctgggccat acagactgtg tgaaatgcct tgctatacat cctgacaaaa      300
ttaggattgc aactggacag atagctggcg tggataaaga tgggaaggcct ctacaacccc      360
acgtcagagt gtgggattct gttactctat ccacactgca gattattgga cttggcactt      420
ttgagcgtgg agtaggatgc ctggattttt caaaagcaga ttcaggtgtt catttatgtg      480
ttattgatga ctccaatgag catatgctta ctgtatggga ctggcagaag aaagcaaaag      540
gagcagaaat aaagacaaca aatgaagttg ttttggtctg ggagtttcac ccaacagatg      600
caaataccat aattacatgc ggtaaactct atattttctt ctggacctgg agcggcaatt      660

```

cactaacaag	aaaacagggg	atTTTTtggga	aatatgaaaa	gccaaaattt	gtgcagtgtt	720
tagcattctt	ggggaatgga	gatgttctta	ctggagactc	aggtggagtc	atgcttatat	780
ggagcaaaac	tactgtagag	cccacacctg	ggaaaggacc	taaagggtga	tatcaaatca	840
gcaaaacaaat	caaagctcat	gatggcagtg	tgttcacact	ttgtcagatg	agaaatggga	900
tgttattaac	tggaggaggg	aaagacagaa	aaataattct	gtgggatcat	gatctgaatc	960
ctgaaagaga	aatagaggtt	cctgatcagt	atggcacaat	cagagctgta	gcagaaggaa	1020
aggcagatca	atTTTTtagta	ggcac				1045

<210> 1010  
 <211> 559  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (40)...(560)  
 <223> similar to gil667611 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1010						
ggtcgaccca	cgcgtccgcc	cgaggctgtc	tgcccttccc	cagcctctgc	agcctacaat	60
cccaatcaag	agccagcccg	gtttctgcaa	gcacacagga	gcagaagaga	aaccagtga	120
gacttcaccg	ctgcatatca	ggccagcgac	ggctgctcgg	tgacggcgct	gctctgccac	180
caagaaaaaac	cccaaaccga	ctgatccac	aaagagggga	gaaaaaggaa	gtcttcatgc	240
tgaagaagga	gaaatacaaa	cgtgtatgtg	ccggtttgcc	tctggtcgtt	accgtggagg	300
cattcacacg	cctgtccatt	tggcattatt	atgagcgatc	cccagacaga	agaacttaag	360
gtcaagtttt	acagagataa	ccaaggacat	cttaaaggag	acaggctgtg	cgatcattgg	420
aagagggaag	ctgtggatct	tgcattcatg	catttggatg	aagatgacac	tggaaaactgc	480
acgttgcagg	ttgaggtggc	caagtatcaa	cggaatggga	aatatgaggc	ttcaggaagg	540
aagtgcgcga	accacagga					559

<210> 1011  
 <211> 449  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (16)...(449)  
 <223> similar to gi2246532 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1011

```
cgaccacgc gtccggaag aaagaataat gaaatagaag aactgaaaac tttatacagg 60
agtaaacaac atgaaactga agagactatt agaaagcttg aaaagaaagt tcagacactg 120
atacgtgact gtcaagttat cagagagact aaagaagacc agattgcaga gctgaaaaag 180
atatgtgaac aaagtacgga atctctaaat aatgactggg aaaaaaagct tcacaatgct 240
gtagcagaaa tggaacagga aaagtttgat cttcaaaagc aacacactga aacattcaa 300
gaattgcttg aggatacaaa tgtgcgtctg aataaaatgg agagtgaata catggcgcaa 360
acacagtcca caaaccacat gatcaaagaa ctggaggccc gtgtccagca cctgactgga 420
gaagcagaga acagtattta cagaggaga 449
```

```
<210> 1012
<211> 428
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(429)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (54)...(428)
<223> similar to gi5824524 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1012
aacacagaga agtacggcat acctacagcc tgggtgtccct ttggcactgc ccatttttacg 60
aggaagccat gcatttagtt gaagaaggaa aaatttactc cagagtactg agaactgaaa 120
tggttgagtg cctaggagac agtgattttc ttgccaaact tctactgtatt cgacaggcct 180
ttcaggtaat tctttcagaa tcagctaaca ggatattcct cgctgagagc ggaaggaaaa 240
ttttatcagc tttaattgtg aaagcacgaa agaatccaaa gaagtttgaa gatgtttttg 300
atgaaatgat ctatttttta gagcagaccg atcactgggg tagtactgaa atggaacttg 360
ctgctagagg ggnngaaaaa ctacatttta tgacgctggg ctggatttat attaattgct 420
cctttgag 428
```

```
<210> 1013
<211> 506
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (2)...(505)
<223> similar to gi804750 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```



<210> 1015  
 <211> 181  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(182)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (181)...(19)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1015  
 tttttttttt ttgagacgga gntgngctct gtnaccacagg ntagagtgc atggcacgnt 60  
 ctgggctcac tgcaagctct gcgtcctggg ttgacgccat tctcctgcct cagcctcccg 120  
 agtagctggg actacaggag cttcgccacc aattccagcc tggggtggac agagtgataa 180  
 g 181

<210> 1016  
 <211> 1892  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1893)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (373)...(1483)  
 <223> similar to gi6014652 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1016  
 cggacgcgtg gggccagctg cctgaaggag cgccagggtcc tccttgctgg caggtggcga 60  
 agcccatttg ggcggcggtg cagaccgcgg cggcggctgc ggcggtctgg ctggggaggc 120  
 gttcctgggg ccaaggccat ggccccgcgg ctgcagctgg agaaggcggc ctggcgctgg 180  
 gcggagacgg tgcggccccga ggaggtgtcg caggagcata tcgagaccgc ttaccgcatac 240  
 tggctggagc cctgcattcg cggcgtgtgc agacgaaact gcaaaggaaa tccgaattgc 300  
 ttggttggtg ttggtgagca tatttggtta ggagaaatag atgaaaatag ttttcataac 360  
 atcgatgatc ccaactgtga gaggagaaaa aagaactcat ttgtgggcct gactaacctt 420  
 ggagccactt gttatgtcaa cacatttctt caagtgtggt ttctcaactt ggagcttcgg 480



caggcactct	acttatgtcc	aagcacttgt	agtgactaca	tgctgggaga	cggcatccaa	540
gaagaaaaag	attatgagcc	tcaaacaatt	tgtagcatc	tccagtactt	gtttgccttg	600
ttgcaaaaaca	gtaataggcg	atacattgat	ccatcaggat	ttgttaaagc	cttgggcctg	660
gacactggac	aacagcagga	tgctcaagaa	ttttcaaagc	tctttatgtc	tctattggaa	720
gatactttgt	ctaaacaaaa	gaatccagat	gtgcgcaata	ttgttcaaca	gcagttctgt	780
ggagaatatg	cctatgtaac	tgtttgcaac	cagtgtggca	gagagtctaa	gcttttgtca	840
aaatttttatg	agctggagtt	aaatatccaa	ggccacaaac	agttaacaga	ttgtatctcg	900
gaatttttga	aggaagaaaa	attagaagga	gacaatcgct	atttttgcga	gaactgtcaa	960
agcaaacaga	atgcaacaag	aaagattcga	cttcttagcc	ttccttgcac	tctgaacttg	1020
cagctaatagc	gttttgtctt	tgacaggcaa	actggacata	agaaaaagct	gaatacctac	1080
attggcttct	cagaaatttt	ggatatggag	ccttatgtgg	aacataaagg	tgggtcctac	1140
gtgtatgaac	tcagcgagct	cctcatcac	agaggagtga	gtgcttattc	tggccactac	1200
atcgcccacg	tgaaagatcc	acagtctggt	gaatggtata	agtttaatga	tgaagacata	1260
gaaaagatgg	aggggaagaa	attacaacta	gggattgagg	aagatctagc	agtgtggcaa	1320
aggaactcat	tgctctcgaa	atgcatatat	gttggtttat	agactgcaaa	ctcaagaaaa	1380
gccaacact	actgttcaag	ttccagcctt	tcttcaagag	ctggtagatc	gggataattc	1440
caaatttgag	gagtgggtga	ttgaaatggc	tgagatgcgt	aagcaaagtg	tggataaagg	1500
aaaagcaaaa	cacgaagagg	ttaaggagct	gtaccaaaagg	ttacctgctg	gagctgagcc	1560
ctatgagttt	gtctctctgg	aatggctgca	aaagtggttg	gatgaatcaa	cacctaccaa	1620
acctattgat	aatcacgctt	gcctgtgttc	ccatgacaag	cttcacccgg	ataaaatatc	1680
aattatgaag	aggatatctg	aatatgcagc	tgacattttc	tatagtagat	atggaggagg	1740
ccaagactaa	ctgtganagc	cctgtgtaag	gaatgtgtag	tagaacgttg	tcgcatattg	1800
cgtctgaaga	accaactaaa	tgaagattat	aaaactgtta	ataatctgct	gaaagcagca	1860
gtaaagggca	gcgatggatt	ttgggtgng	aa			1892

<210> 1017

<211> 1245

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (525)...(1245)

<223> similar to gi5919217 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1017

tgcgctatac	atggggctgc	atcatagaca	ggctggtttc	tcagtccatt	tctcctcggg	60
gacgtggcct	tctcagggt	ccaccctgg	aaacagggtt	ttcccaggag	ctaccatgtg	120
gtgggcaggc	ccttctcgtg	gctctatcca	gggaggaggt	ctcgggagga	ctccactccc	180
ccaacgacat	ggtattctca	gggctccacc	cctgtggaca	gagttttccc	aggacctcac	240
cccctgggtg	tgggggcttt	ctgatggctc	cacccatggg	cgggacttga	tgaatacccc	300
acccccacag	gacgtgctat	tctcagggt	ccaccctgg	ggacaggatt	ttcccacctg	360
gtgagtttga	ccttctcatg	gctccacccc	agggcggggc	ctcatgagga	ctcaaccaac	420
cccacaggac	atggtattct	cacagttcca	cccctgggta	cagagttttc	ccaggatgtc	480
actacacagt	gggtggggtc	ttcccatggc	tccaccagg	ggcggggctc	catgagaact	540
ccacccccca	cagggcgtgg	aattctcaga	gctccacctc	ccccaggcgg	aattcagaca	600
ccgggtcgtc	caccatactc	caggctcctgt	ttcagggcct	cctagcctcc	caggtcattc	660
cccgggaagtc	ctggccctct	attgcgtgcc	cctctcacca	ggcaggaact	tgagtgcctg	720
tagcatctgc	cgctcttgcg	cgaagtccac	catgagggtga	ctcatgttgt	cactgacctt	780

```
cgctttcaat gatagccgga aggcaggggc catggctact ccatctttga tttgcttggc 840
agcctgagga aagtcctcgc tgtccatggc ctgcagagtc tggttggctg tctccagaag 900
ctcctcggag ctctccaggg cccgcgtgca ggcagccagc tggttctgca gctcgtaggt 960
gcggctggca cggctcgtgt ttatcttcat aagcatgcct tctttcagct cctccaggag 1020
ggagaagagg gactggaact ctgcttcgag gtcctcctgc accttcgccg agttcgcctc 1080
cacgttcagc agcatctgtt tcagggagta gataaagctc tgaatttctt cattcttcac 1140
agccagtgtt ttgatgatct tcctcagggc ctccctctgt tcttccatgg ctgcagccca 1200
gtcacccccg gcccggcccc gggcacccgc cacgctgggt ccca 1245
```

```
<210> 1018
<211> 564
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (108)...(564)
<223> similar to gi4539386 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1018
gggctggcca gagccaagca agaggcatcg agaaaggggg atgctaaggg gtgggggggtg 60
ggaagggatg tcaatgcaac caagaagtga tcggagggga agagaggtcc cctcaccctt 120
cacattccca gcccggcgcc ccactctcc gccccacac ttgagcccc aagtggctcc 180
cgtgcgcttc ccttggttag gggcaaccct tccattccgc cccttttcag ttccttcccc 240
tctcacctca tcttgggact cctgcccgtt acccagccga tcaggctcct cttggccacg 300
catcctgcca tctcctccga gcccgctct gcccttctcc ccaggccagc tggggtaccc 360
tggggtcccc gaccttctg ggatcgccca gatctgcacg tcaatgcccc cgctcactac 420
accctcgccc cgtcttcaac tggggcctgc aagactccta ctcccttcaa agccccctcc 480
ggacaccgcg tccctcaggg tgcccaggg atgcaccggg gtccaccgtc ctcacctgag 540
tccgctcgaa gctctcgac gaaa 564
```

```
<210> 1019
<211> 441
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (51)...(441)
<223> similar to gi21992 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 1019
ttaatctgag cggccacgag gaacaaacag aaaggaaaag cgacagggtt cccatgctcc    60
taactccacc ctcccgcgct cagcccggag aaggcccagt ctcgctggct gctgcccctc   120
cttccacctc tttccaaacc caccgagcgg cgccaggaaa ggtcccgccg cctctttctc   180
ccctcccca aactaggggc tggggagggc caaggagggtt aacagcttcc gttccttccc   240
cgcctagaag ggaaggggtg ggaagtggga ttgcgagctc gtcccgtctc ggccctccctc   300
gccctccacc cttaccggga gctccgtttc cgcccagacc cgagactcac tcgtcagtcc   360
cgagccacc gcagccgggt ccccgctac tgccacagcc cctatcccag ggccgcccc   420
ccaccgccag ctgccacgaa a                                     441

```

```

<210> 1020
<211> 692
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(693)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (189)...(695)
<223> similar to gil924940 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1020
aaagtctagc catacctcan ntcctcctc tcccctttcc taccagggc cttcctccgg    60
atgctcttcc ccgagaagct ggatggagac aagaaggggc gcccagcac cgccggctcc   120
aagatcaagg tgggcctggg gtgtacaatg gggagctggg cctgcagagg gctgagttcc   180
accctacctg gggtcgggac tctgtttctc tcattccaac gtctgtctgt ctaccaatcc   240
tggggcttct gcctctgact gtgacgtcat ctgttcagca gggctttcct ccagctctgg   300
gttttagggag cttgaaccag cttcttggag gtctccatca actctatgtg ccaaggtaag   360
tggtgagtg gcgtagacgtg agagctcctt gtcttgggtt ccagggtcag gcagacacc   420
cacatcagtc ccactagtgt ggtgtgcact agtggagggtg cacacagacc agggacatct   480
ggcccctgtg gcttatctgt taccagccct caccaccccc cagtctctgt ctattgggac   540
tgtatccagg gtggaaaaaa gaggggccag aggggcccat ctctgtgccc cccacccacc   600
cgtcttcact tctgcctcag aaacaagcca acgacctggt ggccacactg atgaggtgca   660
caccatta catccgatgc atcaaaccac ac                                     692

```

```

<210> 1021
<211> 891
<212> DNA
<213> Homo sapiens

```

```

<220>

```

```

<221> misc_feature
<222> (1)...(892)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (98)...(567)
<223> similar to gi3878233 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1021
gccttcccta atccagtgtg gtggaattcc gctgaccttc cgggcgctcc ggcgcgcgct      60
ctgtcgcttg cccctaccgg tgcacgtgcg cggcgacccc ctgcgcacct ggcgctggca      120
caacctgttc gtctccttcg ctcactccat tgtgtcgggg atctggggcac tgctgtgtgt      180
atggcagact cctgacatgt tagtggagat tgagacggcg tggtcacttt ctggctattt      240
gctcgtttgc ttctctgcgg ggtatttcat ccacgatacg gtggacatcg tggctagcgg      300
acagacgcga gcctcttggg aataccttgc ccatcacgtc atggccatgg gtgccttctt      360
ctccggcatc ttttgagca gctttgtcgg tgggggtgtc ttaacactac tgggtggaagt      420
cagcaacatc ttctcacca ttgcgatgat gatgaaaatc agtaatgccc aggatcatct      480
cctctaccgg gttaacaagt atgtgaacct ggtcatgtac ttctcttcc gcctggcccc      540
tcaggcccta cctcacccat ttcttcttgc gttatgtgaa ccagaggacc ctgggcacct      600
tcctgctggg tatcctgttc atgctggacg tgatgatcat aatctacttt tcccgcctcc      660
tccgctctga ctctgcctt gagcatgtcc ccaagaagca acacaaagac aagttcttga      720
ctgagnnctg agtgaggggc acagagcctg ggacaacaaa aacggacaag gccagaaaca      780
gcttcatatg gacactggga cttagcccca agcctgggtg tcctctgagg ccagcctctc      840
caccttctga gcctgcgccc acactattga aaacactaat gaaagtaaaa a              891

```

```

<210> 1022
<211> 444
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (7)...(447)
<223> similar to gi4185943 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1022
aatattga agaaaaaat tcggtcagca caagtaaata ggatcacttg gcccactcc      60
aaattttgat ttttggtact gcacattctc taacagccat cattgttcaa aacacagatc      120
ttgtggattg gtccttcctt cctcatagta caattaagac ttttacattg tacttggatc      180
aaatggctac attaatgggt cagggaagat tacgaataat aacatttgtg ggaaatgacc      240
cagataaaat cactgttcct ttcaacaagc aacaagttag acaagccttt atcagttctg      300
gtgcatggca gattggtctt gctaattttc tgggaattat tgataatcat taccacaaaa      360
caaaaatctt ccagttctta aaattgacta cttggattct acctaaaatt accagacgtg      420
aacctttaga aatgctcta acag              444

```

<210> 1023  
 <211> 1086  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (110)...(1087)  
 <223> similar to gi3877301 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1023  
 tgcggacagc ccctatgctc gcgctgtcgc gacgagacgc accgagcacg catgtgggagc 60  
 cgccacgaca tcgtggccct gggtcagcga agccgcgacg tgccccagaa gtgcagccgt 120  
 gaaggccctg cagacggcca cgcgggaggg catcgcgctg ctgcaggcca tggtaggagga 180  
 ggtgctggcag agcgcggccg aggaggagga cgctatccac gccctcttcg gcagcatgca 240  
 ggacaggctg gcagagagga aagcgtctgt gctgcaggct gtgcagagcc aatacgaaga 300  
 gaaggacaag gccttcaagg agcagctctc tcaattggcc accttgctgc ccaccctgca 360  
 ggtccacctg gtcattctgt cctccttcct cagcttggcc aacaaggctg agttcctgga 420  
 cctgggctat attgccagt accaccgagc tgaattcgcg cgctgtctgg agccactgct 480  
 gctgctgggg ccacgtcggg tggcagctgc tgcaagtggg gctaacacgc tggcaggggg 540  
 cttaggcccc aaggcgctga cggggcccca ctgcccctcc ccagtaggaa agatgtcggg 600  
 gtcaccgctc caaaagccca cgctgcaccg gtccatcagc accaagggtg tgctggcgga 660  
 gggcgagaa acgccttcg cagagcactg ccgccactat gaggactcct accggcacct 720  
 gcaggcagag atgcagagcc taaaggacca ggtacaggag ctgcaccgag acctcaccaa 780  
 gcaccactcg ctcatcaagg cggagatcat gggagacgct ctgcacaagt ccctgcaact 840  
 ggacgtgcag atcgctcgg agcacgcctt ctttagaggg catgacgggt cgctttccag 900  
 gagatttggg aggaagccta tcagcgagtg gctaattgagc aggagattta tgaagcccag 960  
 ctccatgacc ttctccagct gaggcaggag aatgcctacc tgaccaccat caccaagcag 1020  
 atcacgccct acgtacgctc cattgccaaag gtgaaggagc gggtaggagc cagattcagg 1080  
 caccgg 1086

<210> 1024  
 <211> 582  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (5)...(582)  
 <223> similar to gil9919 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

[illegible]

<210> 1025

<212> DNA

 $\langle 220 \rangle$ 
$$\langle 222 \rangle \quad (182)^{-} \dots (354)$$

<210> 1026

<212> DNA

<220>

<210> 1026

<212> DNA

<220>

```

<221> misc_feature
<222> (1)...(1522)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2)...(1521)
<223> similar to gi951231 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1026
cgcttgcaaa ctctgggatt tgtaccttcg aacaagaaat gagtttgttc agaaaggaga      60
agcagatgac gaagatgatg atgaagatgg gcaagacaat cagggcacag tgactgaagg     120
atcttctcca gcttacttga aggagatcct ggagcagctt cttgaagcca tagttgtagc     180
tacaaatcca tcaggacgtc tcattagcga acttttttcag aaactgcctt ctaaagtgca     240
atatccagat tattatgcaa taattaagga gcctatagat ctcaagacca ttgccagag      300
gatacagaat ggaagctaca aaagtattca tgcaatggcc aaagatatag atctcctcgc     360
aaaaaatgcc aaaacttata atgagcctgg ctctcaagta ttcaaggatg caaattcaat     420
taaaaaaata ttttatatga aaaaggctga aattgaacat catgaaatgg ctaagtcaag     480
tcttcgaatg aggactccat ccaacttggc tgcagccaga ctgacaggtc cttcacacag     540
taaaggcagc cttggtgaag agagaaatcc cactagcaag tattaccgta ataaaagagc     600
agtacaagga ggtcgtttat cagcaattac aatggcactt caatatggct cagaaaagtga     660
agaagatgct gcttttagctg ctgcacgcta tgaagaggga gagtcagaag cagaaaagcat     720
cacttccttt atggatgttt caaatccttt ttatcagctt tatgacacag ttaggagttg     780
tcggaataac caagggcagc taatagctga acctttttac catttgcctt caaagaaaaa     840
ataccctgat tattaccagc aaattaaaaat gcccatatca ctacaacaga tccgaacaaa     900
actgaagaat caagaatatg aaacttttaga tcatttggag tgtgatctga atttaaatgtt     960
tgaaaatgcc aaacgctata atgtgcccaa ttcagccatc tacaagcgag ttctaaaatt    1020
gcagcaagtt atgcaggcaa agaagaaaaga gcttgccagg agagacgata tcgaggacgg    1080
agacagcatg atctcttcag ccacctctga tactggtagt gccaaaagaa aaagtaaaaa    1140
gaacataaga aagcagcgaa tgaaaatctt attcaatgtt gttcttgaag ctcgagagcc    1200
aggttcaggc agaagacttt gtgacctatt tatgggttaa ccatccaaaa aggactatcc    1260
tgattattat aaaatcatct tggagccaat ggacttgaaa ataattgagc ataacatccg    1320
caatgacaaa tatgctggtg aagaggggaat gatagaagac atgaagctga tgttccggaa    1380
tgccaggcac tataatgagg agggctccca ggtttataat gatgcacata tcctggagaa    1440
gttactcaag gagaaaagga aagagctggg cccactgcct gatgatgatg acatggcttc    1500
tccanactca agctgagtag g                                     1521

```

```

<210> 1027
<211> 831
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(834)
<223> similar to gi402528 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1027
ctggcaaggc agacagggat ggtgataaaa tggctccttc agttgaaaag aagattgcag      60
aactcgaaat gggactcctt cacttgacagc aaaatattga aattccggag atcagcctgc    120
cgattcatcc aatgatcaca aatggttgcaa aacagtgtta tgagcgtgga gaaaagccaa    180
aagttacaga ctttggatgat aaggttgaaag acccaacatt tcttaatcag ttacaatctg    240
gagttaaccg ctggatccga gaaattcaaaa aagtgaacaa actggatcga gatcctgcat    300
caggaaactgc cttacaggaa attagttttt ggctaaactt ggaacgtgcg ttataaccgca    360
tccaggagaa acgggagagc ccggaagttc tcctgactct ggatatcttg aaacatggca    420
agcgcttcca tgccaccgtc agttttgaca ctgacacagg tctaaaacag gctttggaaa    480
ctgtgaatga ctacaatcct ctgatgaaag atttccctct gaatgatttg ctgtctgcca    540
cggagctgga caaaaataaga caggcgcttg ttgccatttt cacacatttg agaaagatcc    600
gaaacacaaa atatcctatt ccagagggcc actgcgtttg gtggaggcaa tttcaagaga    660
cttgagttct ccaattactc caagtattgg gcactaggaa atttgatgca tgttgacctta    720
tgaagaattt tgaaaaagtt atggtagcat gctttgaagt ttttcagact tgggatgatg    780
agtatgagaa acttcaggta ttgttgagag acatcgtaaa aaaaaaaaaa a      831

```

```

<210> 1028
<211> 363
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(364)
<223> similar to gi483915 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1028
ttataatttc caagtacaag aaagttatag aacacccaga agatttaacc caaggaagac      60
tacctcaggg catttaataa tcaaactttc aaaggtcaag gataaagaaa aggccctaaa    120
agcagcaaga gaaaagaacc aaataacata ctatggagct ccactatgcc tggagcagac    180
tttcagggaa accttacagg ccaggagaga gtggcatgac atatttaaag tgctaaaaac    240
ttttaccctg gaataatata tccaacaaaa ttatccttcc aacatgaagg aaagataaag    300
acttttccag gcaaacaaaa gatgaggaat ttcacaaaca caagacctgt tctacaagaa    360
atg

```

```

<210> 1029
<211> 1122
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (539)...(1120)

```



<223> similar to gi746525 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1029

gagtggcggg	gtaaggatgg	gaagccgagc	agacggcccc	agaacaagcg	gtcatgtgac	60
tgggaagatg	gccgtctttc	cttggcactc	caggaatagg	aactacaaag	ctgaatttgc	120
atcatgccga	ctggaggctg	taccattgga	gtttggggac	tatcaccctc	tgaaacccat	180
aactgtcaca	gagtcaaaga	caaagaaagt	gaaccggaaa	ggaagcactt	cttccacgtc	240
ctcctcctcc	tccagctccg	tggtggaccc	gctgagcagc	gtcctcgatg	ggactgaccc	300
cctctccatg	tttgagcca	ctgctgaccc	cgcagccttg	gcagctgcca	tggacagctc	360
cagaaggaaa	cgtgatatag	atgataactc	cgttgtagga	tcggattttg	agccttggac	420
caacaaacgg	ggagaaatcc	ttgcccggta	caccactacc	gaaaagctgt	ctattaatct	480
gtttatggga	tctgaaaaag	gcaaagctgg	gactgccaca	ttggcaatgt	cagagaaggt	540
gcggacccgg	ctggaggagc	tggatgactt	tgaggagggt	tcccaaaagg	agctgttgaa	600
cttgactcag	caggattacg	tgaaccgcat	agaggagctc	aaccaatcgc	tgaaggatgc	660
ctgggcctca	gaccagaaag	tgaaggctct	aaaaatagtc	atccagtgtt	caaagcttct	720
ttcagacacc	agtgttattc	agttctaccc	aagcaaattt	gtccttatca	ccgacatact	780
tgatacattt	ggaaagctcg	tgtacgagcg	catcttttcc	atgtgtgtgg	atagccgcag	840
cgtcttacca	gatcactttt	ctccagagaa	tgcaaatgac	acggccaagg	aaacatgcct	900
aaattggttt	ttcaagattg	cctccatcag	ggaactcatt	ccaagatttt	acgtggaggc	960
atccatcctg	aatgtaaca	aattcctctc	caaaacggga	atttcagagt	gcctgccccg	1020
gtttgacatg	gcatgattca	gagggatcgg	agaccacta	gtgttcgggt	gtatgcccgt	1080
ggcctgacct	gtgcccgggt	gggaatggaa	gtggccccac	at		1122

<210> 1030

<211> 342

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (7)...(341)

<223> similar to gil049301 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1030

gtagacaac	cgtacaaatg	taaggaatgt	ggaaaaggct	ttaagtgttt	tgcaagcctt	60
gataatcaca	tgggaattca	cgctggtgag	aaactctgaa	tttcaggaat	gtgggagaac	120
catcacacc	tcctcacacc	taaagcagtg	tgtaacagct	catactggaa	agaaattcaa	180
aaagactaag	aaatatggga	aatccttcac	taatttttct	caactttctg	cacatgtgaa	240
aactcataaa	gaggagaagt	cctttgattg	taaagaatgt	ggaatttccg	ttagaaattc	300
ctcatatctt	aatgatcaca	ttcaaactcc	aactggagta	aa		342

**DEPARTMENT OF THE ARMY**

```
<210> 1032
<211> 708
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(709)
<223> similar to gil780975 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

642

```

atgatgccgt agaacagctt aagaggagtg tgcattagag cttgggaaaa aatcacttca 360
tgtgggagAAC aatacccttc ctttagtgca gtaaaacagg gaccaaaaaa accatacatg 420
gattttatag ctcggttaca ggagtctctt aaaaaggtaa ctgcagattc gactgctcag 480
gatatagtgt tgcacttatt agctttcaac aatgctaata ccgactgcct ggcagctctg 540
cgacctatca gagggaaagc acatttagtt gattatacca aggcctgtga tgggtattgga 600
attaatctgc ataaggctac tctgctagca caggcaatgg caggactaag agtggataaa 660
ggaaatattc tatttcctgg agcttggttt aactgtggga agcatggt 708

```

<210> 1033

<211> 561

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (66)...(547)

<223> similar to gi407324 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1033

```

aaaatcacct cgggaccctg atgcaaaact gggattcttc ttcccgtgta cctttttcaa 60
gtgggcagca ctcaactcaa tctttccac cctcattgat gtcaaagtcc aattcaatgt 120
tacagaaacc cactggccta tgtgcgggccc atggacggac aggagtccat ggaaccaaag 180
ctgtcctctg agcactacag cagccaatcc catggcaaca gcatgactga gctgaagccc 240
agcagcaaag cacatctcac caagctgaaa ataccttccc aacctgga tgcacagct 300
tctggtgatg tgagctgtgt ggatgaaatc ctaaaagaga tgacgcattc atggcctccc 360
cctctaacgg ctattcatac accatgcaaa acagaacctt ccaaatttcc ttttccaact 420
aaggagtctc agcagtccaa ttttggcact ggagaacaaa aaagatataa tccttctaaa 480
acttcaaatg ggcaccagtc taaatctatg ttaaaagatg acttaaaact aagcggctgt 540
gcagacattc aattgttatt a

```

<210> 1034

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (43)...(741)

<223> similar to gi2564320 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1034

```

gaggcggcgg cggcagcggt atcagttcgt aggtgtaaa ctttgaagga aaaagattta 60
attagaacgt ctgagtcaga ctgttactgc tacaatcaaa attcccaagt ggagtggaaa 120
tacatatggt caactatgca ggtgaaaatt accagtccag gcctgttcag aattgtatat 180
atcgcagaaa gacataattg ccaatatcca gaaaacattc tatcttttat caaatgtgtg 240
attcataact tttggatacc aaagggaatct aacgaaataa ccataatcat caatccatac 300
agggagactg tgtgcttctc tgtggagcct gtcaagaaga tatttaacta tatgatacat 360
gtgaatcgaa acatcatgga tttcaaaactc ttccttgtgt ttgtggcagg agtttttctt 420
ttcttttatg caaggaccct gagtcaaagc cctactttct attactcctc gggaactgtg 480
ctagggtgtc taatgacatt agtctttgtc ttgctgttgg tgaaaagatt cattccgaag 540
tatagcacct tttgggctct aatgggttgg ttgttggttg cctcagttta tattgtatgc 600
cagttgatgg aagatctgaa gtggctgtgg tatgaaaaca ggatatatgt attaagctat 660
gtcttgatag ttggattttt cagctcttgt ggttggtaca agcatgggcc cccttgcaga 720
cgacaagagc agaaatctt
739

```

```

<210> 1035
<211> 744
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(737)
<223> similar to gi4091819 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1035
agaggcccc caagacgccc ccctgcccgc ccagctgctc ttgcaccagg gacaccgcct 60
tctgcgtgga ctcaaaggcg tgcccaggaa cctgccctcg gaggtcatct ccctgaccct 120
ggtgaatgcc gccttctcag agatccagga tggagcggtc tcccacctcc cgctgctgca 180
gttcgtgtta ctcaactcca acaagtttac actgattgga gacaacgcct tcacaggact 240
gtcgcacctg cagtatctct tcattgagaa caatgacatc tgggcactat ccaagttcac 300
cttccgagga ctcaagtcct tgactcacct ctcgctggcc aacaataacc tgcagacact 360
gccagagagc atcttccggc ccctggacat cctgaatgac ttggacctgc ggggcaactc 420
actcaactgt gactgcaagg tgaagtgggt ggtggagtgg ctggcacaca ccaacaccac 480
ggtggcacc atctactgcg ccagcccgcc ccgcttccag gagcacaagg tgcaggacct 540
gccgctgcgg gagttcgatt gcatcaccac agattttgtg ttgtaccaga ccctggcctt 600
accagcagtg gcggctgagc ccttcctcta ctccagcgac ctctatttgg ctctggccca 660
tccaggagtc agcgctgca ccatcctgaa gtgggactat gttgagcggc agcttcgaga 720
ctattataga atcccagccc cctt
744

```

```

<210> 1036
<211> 423
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc\_feature  
 <222> (3)...(422)  
 <223> similar to gil657758 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1036  
 gatgtgaagc ccttgaggac ctcttattgt catccaatat gttgcaacaa ttgcctgatt 60  
 ctatagttta tctttattag aagaatttga ctgtagctgt aatgaactgg agtcactacc 120  
 ttctactatt ggctaccttc atagtcttcg gacattagca gttgatgaga atttccttcc 180  
 agaattaccc agagaaattg gaagttgtaa gaatgtaaca gtcattgtctc tacgctccaa 240  
 caaattagaa tttcttcctg aagagattgg acagatgcag aaactaagag tcctaaattt 300  
 gagtgacaac agattgaaga atttaccatt ctcatttacc aaacttaaag agcttgacgc 360  
 tttgtggctt tctgacaatc agtccaaagc ccttatccct ttacaaacag aagcccatgt 420  
 att 423

<210> 1037  
 <211> 726  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (4)...(676)  
 <223> similar to gi4426610 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1037  
 cctacaattg tccagaaatg tctcgaaatc tatgacatga ttggacaagc aatcagcagt 60  
 tctcgccggg ctggtggtga gcactatcag aatttccaat tgctgggtgc ttggtgcttg 120  
 ttaaacagcc ttttcctcat actgaacctc agtcctactg cgttggctga taaggggaaa 180  
 gagaaggacc cactggctgc cctccgagtc agagacatcc tttctcgtac taaagaggga 240  
 gtgggctccc ctaaactggg gcctggaaaa gggcatcagg gatttggggt actctcagta 300  
 atattggcaa accatgccat caaactgcta acgtctctct ttcaagacct acaagtggag 360  
 gcccttcaca agggttggga gacagatggc cccctgcag ccttgagcat tatggcccag 420  
 agcacctcca tacagaggat tcaacggctg attgactctg tcccactgat gaacctgctc 480  
 ttgacgttac tttcaacttc ctacagaaaag gcatgtgtcc tgcagcggca gagggaaggg 540  
 ctccatgagc aggcgatgcc agcgctcca cgcactcaa tacttactat gagggacgat 600  
 ttcagtaggc acggagggag ggacagcagc caaggacgga tggacagtga ggctattttt 660  
 ggggggcaat ggttttgagg gagattattt tcttccagat taaaggagga aagcaggcac 720  
 cttccg 726

<210> 1038  
 <211> 672

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(673)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (26)...(558)  
<223> similar to gi4761644 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1038  
agaaggctct tcggttgctg ttggaaagca agctttcaga gatgaagaag atgcacgagg 60  
gggacttggc gatggctctg gtcctggatg agaaagacag actgattgag gagttgaagc 120  
tgtctttgaa gagcaaagaa gctttaattc agtgccttaa agaggagaaa tctcagatgg 180  
catgtcctga tgagaatgtg tcatctggag agctccgagg actttgtgct gctccaaggg 240  
aagaaaagga gagagaaact gaggctgcac aaatggagca tcagaaggag agaaacagct 300  
ttcaagagag gatccaggca cttgaagagg acctgagaga gaaggaaaga gaaattgcta 360  
cagagaagaa aaatagtcta aagagggata aagccattca gggtttaacc atggcattaa 420  
aatcaaagga aaaaaagggt gaagaactta actctgaaat tgaaaagctc agtgctgcct 480  
ttgctaaagc cagagaggcc ctacagaaag cacagacca ggaatttcag gggctctgaag 540  
actatgagac tgctctatca ggaaaggaag ccctttcggc tgcgctgcgc tcacaaaacc 600  
tcaccaagag tacagagaac cacagtttga agattctcat taaatgattc atttcatttc 660  
anaaaaaaaaa aa 672

<210> 1039  
<211> 668  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (119)...(462)  
<223> similar to gi8797 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1039  
attccagggc aggggcctgg cggctaataa tggtaggtac ctcaaactgc agtggagggc 60  
tggcactctg gttcttgccc cctcatgccc cctctccacc ctctctgttc tttcctctcc 120  
tcccaggag cttcaggcca tggaggcctt gcagaatggc cagaccacgg tagaggggag 180  
catagagggc cagtcggctg gggctgcgag ccatgccatg atagaaaaga tcctcagcga 240  
ggagcctcgg tggcaagaga ctgcttatgt gctgggtaac tataagacgg agccttgcaa 300  
gaagcccccg cggctgtgcc gccaaaggcta tgcctgtccc tactaccaca acagcaagga 360  
ccggcggcgg agcccccgga agcacaaata caggtcctta ggccccagga ggccagccac 420

```

gggagggagg agtggcaggg aaggggtcag gcagaggctg ctcccactgg ctctccggga 480
ggaggggagg ctggtcctgg ggatgacagg atcgcaagcc cagggcccag gggagggcat 540
agtgaggata gctggacagt aggagcccag cttcacctcc tgcataaatg aggaccctgg 600
tcagaccgtc tctgaggctc caccgctcct gatcctgcat gaatgaggac cacgccacag 660
cgtggacc                                     668

```

```

<210> 1040
<211> 864
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(865)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (865)...(365)
<223> similar to gi854124 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1040
tttttttttt ttgagacaca gtctggctat gtcaccaggg ctgagtacag tagcatgatc 60
ctggttcgct gcaacctcca cctcccaggc tcaagtgatc ctcccacctc agcctcctga 120
gtagctagga ctacaggtag gtgccacaac acctggctaa tttttttatt tttttagtag 180
acaagggtct ccctacgttg tccaggctgg acttgaactc ctgggttcaa gcgatcctac 240
caccttggcc tcccacagca ctgggggttac aggcaggagg cactgcacct ggccctgtct 300
ttactgatgg tcctgcccc tgcctcccac acctaacctt gggcacccac tcccgaagct 360
ctcctactgg ctgcagggtc tgcctctgtg aggacagtga agccgatgac acgggagggtg 420
aagtogaagg cgtctctgtg gccatcgtgg atcactgaga tgcagtggcg gtccccgtag 480
ctggcccgtg gcatgccacc ctggaagatg gtgaagggca acccctgcct agtgggtcagc 540
cagaggattc tggtaatcgc ttgcaagga aagggaccgt aaggcacgag gctgcggagg 600
ggctctgggt gctgggcttc gctggacacg ggcccactgg cagtagctgc cgtcagagtg 660
acagctgacg agcaggcggc cgtcccgtct ccaccagatg ttctccagtt gctggctgct 720
gaggaagtgg tagagcacgc ggctgccctg taggtcccag atgacaacga ggccctcggct 780
gtagccgatc aggatctggt tggggtcttc aggtgcttcc tgcattgctt caccatttng 840
aacaaacagc cgggtggggc cctc                                     864

```

```

<210> 1041
<211> 438
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (40)...(441)  
 <223> similar to gi2648019 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1041  
 actgcggtac cggttcggaa ttgccggctg gacgatttcg tcatggaccc aggcgccttt 60  
 gagactgtcc tatectccgc ttacactggc cgcctcagga tgggtgtgct gacattggca 120  
 acttccttac agtgggggtct gtgctccaaa tgtggcacat tgtggacaag tgcactgaac 180  
 tactccgaga aggcggggcc tcagctacca ccaccatcac tactgtctga gccacctctg 240  
 tcaactgtccc tgggtgctggg gtgccatccg ggagtggggg cactgtggcc cctgtctacca 300  
 tgggtctctgc gcgctcccat gcctccagcc gggccagtga gaatcaatct cccagcagca 360  
 gcaactactt cagccccagg gagtccactg atttctcatc ttctcccaa gaggcatttg 420  
 cagcttctgc agtgggacg 438

<210> 1042  
 <211> 533  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (17)...(534)  
 <223> similar to gil654000 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1042  
 atcgacgatt tcgtgcggcc ggtccggttc cgcggcccag gcagagggac tctgcaagca 60  
 atggctgcag cgcgcctggc aagagcggcg cctgctgctg cgggagccgc gctacacgct 120  
 gctggtggcc gcctgcctct gcctggcgga gacacagaga ttgactggaa ggccctacatg 180  
 gccgaggtag aaggcgatcat caatggtacc tatgactata cccaactgca ggggtgacacc 240  
 ggaccacttg tgtaccagc tggtttcgtg tacatcttta tggggttgta ctatgccacc 300  
 agccgaggca ctgacatccg catggcccag aacatctttg ctgtgctcta cctggctacc 360  
 ttgctgcttg tcttcttgat ctatcaccag acctgcaagg tacctccctt cgtctttttc 420  
 ttcattgtgt gcgcctctta ccgtgtccac tccatctttg cgctgcggat ctccaatgac 480  
 cctatggcca tggagctgct cttccttagt ataaaccatc tgttggccca acg 533

<210> 1043  
 <211> 1327  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature



<222> (572)...(907)

<223> similar to gi3882285 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1043

```
tttcgtgagc atttgagggc tgtttatgat ctatggggta aaactctctg actgactgga      60
tgaggaaaat gaaatgcgag agggttgagc ccaaggttca ttcactctgct caatcgagggc    120
cactcattct ggccactgtg tgccagatgc tggggattct gtcctcttgg gagctgacgt     180
agcccagggtg gtggctgtgg gctgctggag gtggggatcc aggtggagga gcaagtctag     240
ggaagtgtgc tggggagggc ctctctgagg aggtgacatg ccagctgaga tctgaatggc     300
aggaaggagt ggccatgagg acatgggtga tgacagtctg ggtagaaaga tgaaggaggg     360
gaagcaggta aggagttgtg atctaattct gggagccact ggagggtgaa agcagggatt     420
agaagtcagg gatttacatt ttaaagagat cacctctggc agggctttgt taagagtggc     480
ctgcaagagg ccaagcatgg ttccaggggg ccagttgcag agggctgggt caggagccca     540
ggcaaggatt acggggctca gtcctgccct gtggggagca agagtacacg gctggattcc     600
agagctgcca gcaggcctac cccctggggc ctgctgtgtg cctctcatcc ctgctgttcc     660
cagtagacac tgggggtggg taagtgtctc cgtgaagggg gggcccaggc gattctgggt     720
ctggccctgt gtctacaggg gagcaccgtg gcctgggcgc tggcgtctcc aagggtgcga     780
gcctgaagat ggacaggaag gtgtggacag aaacacttat cgaggtgggg atgccctgc     840
ttgccaccga tacttggggg ctgccccatt caacagctgt ctgggtctcc cagccccctc     900
cctatctcag tgaccacagc accttgaggc tggaaagaga ccctttgtga taatatagtg     960
ggtggggatt tgcgaaaagc aatttttggc aaagtcagca aactggccag tgagctaaga    1020
atgtttttat agttgtaaag tgttattttt ttttaaagaa aaaaaaagga agaaaatgca    1080
gcagagactg tatgtgttct gtaaagccga aaataattac tatttcgccc tttagagaaa    1140
gaatttgcta acttctgatc taatttcact gtcattccatt gaatagatgt gtaaactgag    1200
gtcctgggca gggctgtaat ctgcctgaga ttaccctgta aatgcatatt gaccaccatc    1260
cctgcctctt tctgtcccac ttctgaatga ccagggcct tctcccctac cttgcacagc    1320
ctgtatt                                           1327
```

<210> 1044

<211> 1008

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (14)...(1008)

<223> similar to gi5360097 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1044

```
ggaattcccg ggtcgacgat ttcgtgggag gcaccggggc gcgggccaag cctaccggtt      60
gtcacaattt gggctctgcag cagaaatgct ttcagaacag acagcagcgc tggggacagg     120
atgggaatca atgaatgtac agctggatgg agcagagccc caggtggaaa ggggaagcca     180
ggaagagcgg ccatggagaa cagtaccagg acctctggag cacctgtgct gtgaccttga     240
agaggagcca cagtcccttc aggagaaggc tcagtctgct ccctgggttc ctgcaattcc     300
ccaggagggg aacctgggag actgggagat ggcagctgca cttcttgcgg ctggatcaca     360
```

```

gggcctggta accatcaagg atgtgtcact gtgcttctct caggaggagt ggcggagcct 420
ggacccctct cagacagact tttatggaga atatgtcatg caggaaaact gtgggatagt 480
agtctctctg agattttcaa tttccaaact ggacatgctt tctcaactag aaggaggaga 540
agaacaatgg gtccctgacc cccaggactt agaggagagg gacattctga gggtcacata 600
tacaggagat ggaagtgaac atgaggggga taccctgaa ctagaagcag aacctcccag 660
aatgttatcc agcgtgtctg aagatactgt tctctggaac ccggagcatg atgagagctg 720
ggattccatg cccagcagct ccagaggaat gctcctgggg cccctttttc ttcaggaaga 780
tagtttctca aacctgctgt gtagcacaga gatggattcc ctgttaagac cccacacatg 840
ccccagtggt gggaaacagt ttgtatgggg ttcccacctt gccaggcatc aacaaacaca 900
cactggggag agaccctaca gctgcctcaa gtgtgagaag acctttgggc gaggcacac 960
ctcatcaggc accagaaacc cactacatga cagaccagca ggtgctct 1008

```

```

<210> 1045
<211> 847
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (22)...(847)
<223> similar to gi5103547 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1045
cggctgcagg aattcggcac gagcatacgt gaacaaattht ggggctacat ggaatcacaa 60
aatttagctg actttccccg acctgttcat cacaggatac ccaactttaa gggcgcttct 120
catgctgccg agcaactccc acgcttgcat gcgttcaaaa cggccaggac cattaaagta 180
aatcctgatg cccccagaa aagtgtctgc tttctcgtcc ttgaaagcaa aaaaacattg 240
ttggttcaa caccacgact gagaacggga ttgtttaata agatcacacc accccctggg 300
gcaactaaag acatcttgag aaaatgtgcc acctctcagg tgccaccaga gcgactgggg 360
agacaggata gaattttcaa aacatgctcc attggaaatt gcctcaccag ttctaattgg 420
tcagtgcctg cccccgtgg acctgctgag atgatgagaa cacagggttt cctgcagtgc 480
agggtttcct ggactaagcc cccttctgtg actgtcggga gacccccaag ccaccgctat 540
gcaactgatc atacggaact tgtcatagca ctgcaggcag atcccaccgc cacatcgaat 600
gatcagttac tgctggatac gggactgaaa atggcttttt cctgagtctt acataaaccg 660
tgttatgaga accatgaaca tattcagctt ccctattctt tatatgcatg cctgcattag 720
tataaagcgg tacacttttg ggacattttg gttgaaggga taatttttta gaagcgagta 780
tattgtacat aaagatagtg gccttcagga ttttatattg aataaatatg tcatacagtg 840
aaaaaaa 847

```

```

<210> 1046
<211> 400
<212> DNA
<213> Homo sapiens

<220>

```

<221> misc\_feature  
 <222> (154)...(301)  
 <223> similar to gi21992 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1046  
 cgtcttaaaa tgagggaaga gaaaggccca agcaaaggca aggggcatca atcgcagtgc 60  
 gcctggtaac aagggttttg agggaaatct gtgtacctct cctgcgcgca ctacgcctt 120  
 tcaagatact ctaaaaagaa aaaagtcccc ttcccccaa accggggacc aaccacctcg 180  
 cccccagcgg ccacccctcc agcttcttcg cccaacaaa gactcgaccc gacccttgcc 240  
 ccgctcctt ccggagaccc ggccccgcct cctcccgttg tcttcccaga cctcccgtg 300  
 caaaatgaga aacccaaatc cgggcccgtgc agtctgccg aggcccggcc cgacccgcc 360  
 ccgagctccc cacatcacac acacacgacc ccctacgaaa 400

<210> 1047  
 <211> 991  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(969)  
 <223> similar to gi2588628 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1047  
 cccacgcgtc cgggcatttt ccttggaat aataatcaag cccatgaagg ccacaaagga 60  
 gtccttttgt attacatctt ttctctgttc cacaaaactc acacaaaatg gtgatatgct 120  
 tgatcttttg aaatggagaa cccaccaga caagatcact ggctgtctct cttaaattaaa 180  
 agaaattgat ggctcagaga tagtaaagt tctgcaggat aactggata cttattttgg 240  
 aatttttagat gaaaattccc aaaaatatgg gtctaaagt tttgattctt tggttcacat 300  
 aataaatttg ctgcaagata gcaaatcca tcattttaaa cctgtaattg aacttacat 360  
 tgagagtcac tttgctgggg cacttgcata cagagatctc atcaaagtgc tcaaatggta 420  
 cgtggaccgg atcacagaag cagagcggca agagcatatc caggaggtgc tgaaggcaca 480  
 agaatacatt ttaagtata tagttcaatc tcgaaggctg tttcccttg ccactgggtg 540  
 gcaaaacgaa gaggagttcc gctgctgcat tcaggagctt ctcatgtcag tccgtttctt 600  
 tctttcgcaa gagagcaaag ggtctggagc attatctcag tcacaggctg tgtttctgag 660  
 ctctttccct gccgtgtact cagaactggt gaagctcttt gatgtccggg aagtagccaa 720  
 cttggtccag gacaccctgg gcagtctgcc gaccatcctg catgtggatg attccctgca 780  
 ggccatcaaa ctgcagtgc ttggcaaac cgtggaaagc cagctttata ccaaccaga 840  
 ttcccgtac attcttctgc ctgtcgtgtt acatcacctc cacattcact tgcaagaaca 900  
 gaaggacctg atcatgtgtg cacgtatcct tagcaacgta ttttgtctta tcaagaaaaa 960  
 tagctcagta agtaaatata ggtcatagta t 991





<220>  
 <221> misc\_feature  
 <222> (13)...(438)  
 <223> similar to gi28714 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 1051
ctgtcgtgca attccgagca ggcactgctc agtctggtgc ctgtgcagag ggagctactt    60
cgaaggcgct atcagtcag ccttgccaag ccagactcca gcttctacaa gggcctaggt    120
acctgccctt cccagctgag gctttctgag cccccaccga ccccagaca cctcagcgta    180
gcctctgtct cccatcacat gttccccctct catcgctccc ttgcccaca tcttccagac    240
ttcttcgccg cccattccc atcagacaat ctccccctaca ccctccagtc ccctttcccc    300
tcacctcctc cagctactcc ctctgacat gctcttatcc tccaccacag acttaaattgg    360
gggccagat gaccctctgc agcagacagg ccagctcttc gggggcctgg tgcgtgatat    420
ccggcgccgc taccctt                                     436
  
```

<210> 1052  
 <211> 1617  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1618)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (121)...(1082)  
 <223> similar to gi3874511 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 1052
gcactgtcgt ggaattcccc catcccggag cctgagctgt ggctggcggc ggggcctcgg    60
caggatgaga cgtttgtttt gatagtgtgc cggngcctgg ctgacctgcg ggactactgc    120
cagcctcatg cccagggggc cctgctgaag gcggccttca tctgtgcagg gatcgtgcat    180
gtccactcgg aactccagct gagtgcagag ctgctccgca ccttcggggg cggctttgag    240
ctgcacacct ggtctgagct gccccacggc tctggcctgg gcaccagcag catcctggca    300
ggcactgccc tggctgcctt gcagcgagcc gcaggccggg tgggtgggcac ggaagccctg    360
atccacgcag tgctgcacct ggagcagggtg ctaccactg gaggtggctg gcaggaccaa    420
gtagggtggc taatgcctgg catcaagggtg gggcgctccc gggctcagct gccactgaag    480
gtggaggtag aagaggtcac ggtgcctgag ggctttgtcc agaagctcaa tgaccacctg    540
ctcttggtgt aactggcaa gaccgcctg gctcggaacc tgctgcagga tgtgctgagg    600
agctggatat cccgacttcc tgctgtggtg cagaatgcc acagcctggt acggcaact    660
gaggagtgtg ctgaaggctt ccgccaagga agcctgcctc tgctgggcca gtgcctgacc    720
tcgtactggg agcagaagaa gctcatggct ccaggctgtg agcccctgac tgtgcggcgt    780
  
```

```

atgatggatg tcctggcccc ccacgtgcat ggccagagcc tggctggggc aggcggtgga      840
ggctttctct atctgttgac caaggagcca cagcaaaagg aggccttgga ggcggtgctg      900
gccaagaccg agggccttgg gaattacagc atccacctgg ttgaagtgga cactcagggc      960
ctgagcctga agctgctggg gaccgaggcc tcaacctgtt gccctttccc atgaagctgg     1020
cttctctctg caacaggaga aaacctggag ctacagtgtc cccacacctt cttgccccat     1080
gggaacctcc acctctact cccacccac ctctgcgaat ctgctcccaa aggaagctga     1140
ccagagcaag atctgggcaa gcagagagtg cctgggacag gactgtgacc tgggtggacag     1200
gggcctagat gtagcctctg ttctcctctg acataggaag gtcccaagct tagtatccca     1260
cgtggccttt acaaatccta tggctggcct tctcattcca caagggccct ggaaaggggtt     1320
gacagccagc cttggcatat ggctgggagt cccttagcaa ggccaaccct gaagaggccc      1380
tttgaggcat tccctatggc ttagagttgt agacttacac tcaaccctca tgtgagcgtg     1440
ggagtgaagg tggcggtccc ttgccaagtt ggtagcagt acccagtgat tcactgccat      1500
cccaggcctt aactagcaaa actacggagc gtgccaagtg acctggtgcc tgtgggaagt     1560
gggttctcag gactggcatt cttggaataa attcactctg tccttaaaaa aaaaaaa      1617

```

```

<210> 1053
<211> 481
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (43)...(196)
<223> similar to gi4099082 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1053
tcgcctagca gtaagtttgt tggcatgtgg tgggcaggca gggctggcag tagtcggacc      60
acttcagtct ccctgctctg ccttccccag caccattcgg tgcttcgaac ctccctgggtga     120
accccttgga gcccctaaat gcagataaga tcaagatcaa gatcgagac ctgggcaacg      180
cctgctgggt ggtatgagca agtgtgggag agcagagtgg ggggccctgc tccaagggtg     240
gaggcacagg gccgctcttg gggagcccta cccagctctg cagtgcacgt gaaccgtcgg      300
ctgggtgggc actggtcctg cccagtcaac agcactgggg ccatggccaa gggcaggggc      360
cactaggaag ggatcagcct cagcctcaga tctactgggg tgtccctctt ggaggacctg      420
gggaccccca ggctcacagc aaacccccact gagcttctcg ggtaggcgga tcgggggtggg      480
g

```

```

<210> 1054
<211> 1069
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (47)...(866)
<223> similar to gi2224713 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 1054

gtagcggccc	ggaattcccg	ggtcgagtag	ccagaacggt	cacgaggaag	gggcaaccgt	60
ggacagagag	gacgggcctg	gcgtggccct	cgaggggcct	ctgcaggagg	tcctggagtt	120
gctgaggccc	acggactcca	cccagcccca	gctccgggag	ctggagtacc	aggtcctcgg	180
cttccgggac	cggctgaagc	cctgcagagc	acggcaggag	cacacctcgg	ccgagagcct	240
gatggagtgc	atcctggaga	gcttcgcctt	cctcaatgcc	gacttcgccc	cggatgagct	300
gtccctgttt	gggggctccc	aggggtctccg	aaaggaccgg	cccctgcccc	caccgtcatc	360
actgaaagcg	tcatccaggg	aactcacagc	cggtgcccc	gagctggacg	tgctgctgat	420
ggtacacctc	caagtctgca	aagctctgct	gcagaaactg	gcctccccta	atttatcaag	480
gctggtccag	gaatgcctcc	tggagaagt	ggcacagcaa	aagcacgttc	tggagacact	540
ttctgtcctt	gactttgaga	aggtcggcaa	ggcaacatcc	attgaagaga	gtcctagtgg	600
agggaaacct	ttcgggtcct	tgtcatgtgc	tctccccgag	tcaccattca	ggtttctgaa	660
ctggggcttt	cagtcacccc	acaggcctcg	cggacgaagg	ggtgcctgaa	gctgtggaga	720
gggtgcacag	ggcctggcag	ggtcctgtcc	tgccctgcc	cgacgtctgt	gaaccagctc	780
aagaaaacct	tccagcacag	agtcagaggg	aagtacccag	gacagctgga	aatagcgtgc	840
cgcaggctcc	tggagcaggt	ggtcagctgt	ggtgggctgc	tccccggagc	tgggctccca	900
gataagcagc	tattccccct	ggttcctaata	aaaaagcctt	tatgttacca	caaacaagaa	960
ggacctgaaa	ttcatcaccc	aaaatcaaaa	cccaaaccoc	ccggaatgga	aggctcattt	1020
cttttaagct	tttttttttt	tttcccgccc	cgggtttttt	cttttgggg		1069

<210> 1055

<211> 461

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(464)

<223> similar to gi5001720 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1055

cacttgccgc	gctcttcttt	tttcaagttt	tgggcacgga	gtccagcttg	gtggatgcgc	60
gcttccagct	gccgcctttt	ccctggttcc	ctcatgtcat	tcaaccacaag	cccagatca	120
ccgctggagg	cagcgttcca	gcgtcaaga	ccaagccgcg	ctttgatttt	gccaacctgg	180
ccttggcagc	aacgcaagaa	gatccggcca	agctcggctc	cggggagggc	ccaggctccc	240
ctgcaggtgg	gctgggtgcc	ctcctcgacg	tgaccaagct	gtctccagaa	aagaagccca	300
caaggggacg	tctgccttcc	aagaccaaga	aggaattcgt	ctgcaagtgc	tgtggccgcc	360
acttcaccaa	gtcctacaac	ctacttatcc	atgagcggac	gcacaccgac	gagcggccct	420
acacctgtga	catctgccac	aaagccttcc	ggaggcaaga	c		461



**06-07-2019**

**06-07-2019**

**06-07-2019**

**06-07-2019**

```
gcagattacg aagcatttgg tcattcagac tgcgcaggac atggaatcct ggctgaccaa 720
ccgggaacag atgcagaact ttgacaaagt aaaaagaacc atagttttcc ttttgtgggt 780
attagtggct ttattattga ttttaacatt tttaaatttt ttattcttct gtgcctatgc 840
ttacccatat attattgatt ttgttaacct tttttaaatg cagacttttt gtcttccagc 900
cccattaaga acttttcttt accaagtatt tttacattag ataaaataat tttacaagca 960
aataaaccag ctcatggaac tggtcattaa attgtgcgtt aaattgcctg taatctcatt 1020
ttcaattttt ctttacctta aagatgctta aattatagaa actcaggccg ggcacggtgg 1080
ctcatgcctg taatcccaga actttgggag gccgaggcgg acggatcaca aggtcaggag 1140
tttgagacca gcctgggcca aaatggtgaa accctgtctc tactaaaaat acaaaaatta 1200
gccgggtatg ggtggcaggc acctgaaatc ccagctgctc gggaggctga ggcagaagaa 1260
tcgcttgaac ctgggaggca gaggttgcaa tgagccaaga ttgtgccact gcactccggc 1320
ctgggcaaca gagtaagaca ccatctcaaa aaaagtaata ataattaaaa taaaaataca 1380
aataagagac cagagccagc ttaaagtgtc tcccactggc tgagtgttggg acaatctgag 1440
cttcaaaata aataag 1456
```

```
<210> 1058
<211> 475
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (27)...(476)
<223> similar to gil212992 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1058
cccgggtcga cccacgcgtc cgtatagatg atggtgggtc taagattaca aactatgtaa 60
ttgagattat agaagctaac aggaagacat ggggtccatgt ctccagtga cctaaggagt 120
gcacgtacac gattcccaaa ttgctagaag gccatgaata tgtattccga atcatggccc 180
agaataaata tggcattgga gaacctcttg acagtgaacc tgaaacagca agaaacctct 240
tctctgtccc tggagcacca gataaaccaa cagttagcag cgtgactcgt aactccatga 300
ctgtcaactg ggaagagcca gaatatgatg gaggtctctc tgtgacaggg tactggctgg 360
aaatgaaaga caccacttca aagagatgga agagagttaa ccgagatcct atcaaagcca 420
tgactttggg tgtttcttat aaagtgactg gtcttattga aagggtccga ctatc 475
```

```
<210> 1059
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (7)...(372)
<223> similar to gi488328 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 1059
gtggaattcc tcagtcatgc tcacacacac tcacaccatt tacacttaca gttgacacac    60
gtacacatca cctactcaca cacaatttac cctcctactc acatgctcac acaccattca    120
catagttcac attcatacac acacctacgc atccattcac acatatatgc acacacactc    180
atacccacac atttatcctc acacatacca ttcacaccca cagggttcaca cacattcacc    240
tactcacacc tgtcatcctc tcattcacat gctcacaaaa tggtcacaca gtttaccctc    300
cacaccaca cactaaccca ttcacactca cagattcgta cacatacacc tactcagaca    360
catcatccac ccattcacgt gctcacacac acatgttcac acaggcatgt gcccttcaca    420
ctcataagct caccatc                                     437

```

```

<210> 1060
<211> 917
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (20)...(824)
<223> similar to gi4240199 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1060
gtacgtgcgg tgggaattcgg gggaagaaaag gaagtcagag ggcttagaca gtgagggggg    60
acagaacatc tccatgtgca ctctcatctc ttggagtcag caacagggtat ctacgggggag    120
ggccgtgcat cctctactac cctgcaggat ctggaggtaa gaggccctgg gccgagggtgc    180
agtgaccctg caggccagcc ctccaacctc ctcccacagc aggggcttgt tgccctctctg    240
ccagctgagg cagcccacac acccccacca gccctaataa ttattctctc taccctctcc    300
cacaatcttc ctccaactcc ttctctctgc atgcacctca gagccagtac caagaactag    360
cagtagccct ggattcaagc tccgcaataa tcagtcaact cactgaaaac atcaattcac    420
tggttcgcac atctaaggag gagaagaagc atgagataca tctggtacag aagcttgagg    480
ggagcttggt caaactcaaa aaccagacgg ctgaacccct ggccccagag cccccagcag    540
ggccatctaa ggtggagcag ctacaagatg agaccaacca cctaaggaag gagctagaga    600
gtgtgggaag acagctccag gctgaggtgg aaaacaatca gatgttgagt ctctgaaca    660
ggagacagga ggagaggcta cgtgaacagg aggagaggct acgtgaacag gaggagaggc    720
aacgtgaaca ggaggatagg ctacatgaac aggaggagag gctacgtgaa caggaggaga    780
ggctgtgtga acaggaggag aggctgtgtg aacaggagga gaggctacgt gaacatgggg    840
agaggctgtg tgaacaggag gagaggctat gtgaacagga ggagaggcta cgtgaacagg    900
aggagaggct acatgaa                                     917

```

```

<210> 1061
<211> 420
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (14)...(418)

<223> similar to gi1020145 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1061

ggcgggtggaa	ttcaaaccct	acaacgtgct	caatgtgagg	aagccttcag	caggaagaca	60
gaactcatta	cacatcagtt	agttcatact	ggggaaaaaac	cttatgaatg	tactgaatgt	120
ggaaagacat	tctcccgcaa	gtcacagctc	atcatacatc	agagaacaca	tactggagaa	180
aaaccctata	aatgtagtga	atgtggcaaa	gccttctgcc	agaagtcaca	tctcattgga	240
catcagagaa	ttcacacagg	agaaaaacct	tatatatgta	ctgaatgtgg	gaaagccttc	300
tctcagaagt	cccaccttcc	gggacaccag	cgaattcata	caggagagaa	accttacata	360
tgtgctgaat	gtggaaaggc	cttttctcag	aagtcagacc	ttgttttaca	tcagaggatt	420

<210> 1062

<211> 435

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (27)...(433)

<223> similar to gi965014 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1062

cccgggtcga	cccacgcgtc	cgagctcctc	gttgtggaga	caagatcaaa	aatcatatgt	60
atagaatgtg	actgtggctc	ccttaaagat	tgtgccagtg	atagatgttg	tgagacctct	120
tgtacccttt	ctcttggcag	tgtttgcaat	acaggacttt	gctgccataa	gtgtaaatat	180
gctgcccctg	gagtggtttg	cagagacttg	ggtgggtatat	gtgatctacc	ggaatactgt	240
gatgggaaaa	aggaagagtg	tccaaatgac	atctacatcc	aggatggaac	cccatgttca	300
gcagtatctg	tttgtataag	aggaaactgc	agtgaccgtg	atatgcagtg	tcaagccctt	360
tttggctacc	aagtgaaaga	cggttcccca	gcgtgctatc	gaaaattgaa	taggattggt	420
aaccgatttg	gaacg					435

<210> 1063

<211> 728

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (30)...(729)  
 <223> similar to gi2393880 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1063  
 ccgggtcgac ccacgcgtcc ggacgccagt ttagcccagg tccacggact acaatgtttc 60  
 gtattcctga gtttaaattg tctccaatgc accagcggct tctcactgat ttactatttg 120  
 cattagaaac tgatgtacat gtttgaggga gccatttcta caaagtctgt aatggatttt 180  
 gtcaatagca atgaaaatat tatttttgta cataacacaa ttcacctcat ttcccaaagt 240  
 gtagacaaca tcatcattgc ttgtggagga attttacctt tgctctctgc tgctacatca 300  
 ccaactgggt ctaagacgga attggaaaat attgaagtga cacaaggcat gtcagctgag 360  
 acagcagtaa ctttcctcag ccggctgatg gctatggttg atgtacttgt gtttgcaagc 420  
 tctctaaatt ttagtgagat tgaagctgag aaaaacatgt cttctggagg tttaatgcga 480  
 cagtgcctaa aattagtttg ttgtgttgct gtgagaaact gtttagaatg tcggcaaaga 540  
 cagagagaca ggggaaataa atcttcccat ggaagcagta aacctcagga agttcctcaa 600  
 agtgtgactg ctacagcagc ttccaagact ccattggaaa atgttccagg taacctttct 660  
 cctattaagg atccggatag acttcttcag gatgttgata tcaatcgct tctgtctgtt 720  
 gtcttttcg 728

<210> 1064  
 <211> 1122  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (26)...(1122)  
 <223> similar to gi3599940 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1064  
 cccacgcgtt cgctcctgca ggacagctaa cccccgcata ggtgacgtga tccagaagct 60  
 ggcccccttg ctgaagatgt acagtgaagta tgtcaagaac tttgagcgag cggtgagct 120  
 gctggccacc tggaccgaca agtctccact cttccaggag gttctcactc gcattcagag 180  
 cagcgaggct tcgggcagcc tgaccctgca gcaccacatg ctggaaccag tgcagagaat 240  
 tccacgttac gagctgctgc tcaaggagta catcagaaaag ctgccagccc aggccccaga 300  
 ccaggccgat gccagaaaag ccttgacat gatcttctca gctgccagc actccaatgc 360  
 agccatcact gagatggagc ggctgcagga cctgtgggag gtgtaccagc gcctgggcct 420  
 cgaggacgac atagtagacc cctctaacac cctgctccgt gagggcccg tccccaagat 480  
 ctcttccgc cgcaacgacc ccatggagcg ctacctttt ttgttcaaca acatgctgct 540  
 ctactgtgtg cccagggtga tccagggtgg cgccagttc cagggtgagga cccgcatacga 600  
 tgtggccggg atgaaggtgc gggagctgat ggatgctgag tttccccact ctttctggt 660  
 gtctgggaag cagcgcaccc tggagctgca agcccggtcc caggaggaaa tgatttcttg 720  
 gatgcaggcc ttccaagcag ccattgacca aatcgagaag cggaatgaaa ctttcaaggc 780  
 tgcggccag gggcctgagg gagacatcca ggagcaggag ctgcagtctg aggagctggg 840

```

cctccgggca ccgcagtggg tccgggacaa gatggtgacc atgtgcatgc gctgccagga 900
gcccttcaac gctctgacgc gccgtcgcca ccaactgccg gcctgcggct atgtggtgtg 960
tgccaggtgc tccgactacc gggccgaact gaaatacgac gacaacaggc ccaaccgagt 1020
ctgcctccac tgctacgcat tcctcactgg aaatgtgctg cctgatgcc cggaggaaat 1080
atggcgggcc tttcctggaa aagtgggtct ctctcacctc cc 1122

```

```

<210> 1065
<211> 568
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (186)...(555)
<223> similar to gi854065 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1065
cgaccctgt ctcattccct ccaccacatg cagcacagtc caggaggctg ggggtccaaga 60
gggccatggc tggcaccggg cttagtgtgt agtccccagt gccagcaag cctggcaccc 120
aggaggtggt cagcaaacgc ttctgaacga caggaagtgg gactcttcag ccatcgatga 180
tccgctgtgc ggccacaggc ccgtgtctct gtgtgtgtct ttccatgtgt gtctgtgtgt 240
gtctctgttt ctgtgtgtgg acctgtgtct gtgtgtttgt gtttccgtgt atcttctctg 300
tgtgtccgtg tgtcttcatg tgcatgcatg cgtgtctcca tgtgtgtcgt gtgtgcgcat 360
gtctgtgttc gtgtttccat gtatctgtgt ctccgtgtct tcatgtgcat gcatgtgtat 420
gtgtctgtgt cttcgcgtgt gtgcatgtgt ctgtgtttcc gtgtatctct gtgtgtctcc 480
gtgtcttcat gtgcatgcgt gtctgtgtct ccatgtgtct tcgtgtgcat gcgtgtgtat 540
ctctgtgtgt ctacggaatt ccgccacg 568

```

```

<210> 1066
<211> 2228
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2225)...(999)
<223> similar to gi2746788 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1066
tttttttttt ttcctgaaat gtaaattggt tttaatatat ttaagagcac acagaagtct 60
tgatttataa aaaaataaat atataacatg acaaatttac tgatgatcct ggagctctga 120

```

ggtcaaaactc	tttaaattgat	cagtgtaaaac	ataaaacatc	catgatctgt	taacacacac	180
aggagcatat	tccagttgta	aaaaacaaat	tccttgaagg	ctcagaacga	acaaaaatca	240
gtctttatgg	cagaaagcac	atccaaagct	aggcaatgaa	gttcagcctg	ggccacgtga	300
acctttcacc	agccagccta	taacctatgg	agccaggaca	ggaaagcatg	atccttcagc	360
tcatgacgcc	accaaggctt	ccagacaact	gcagaatgaa	agagtccctc	agaggctccc	420
cagcccctgc	tgccatcata	aagcacggga	gggattgttt	tgtccttagc	ggctctgtcc	480
taaatttgag	agcaggagac	tgagaagggt	atgtctatta	aatattgtca	ttgtaacacg	540
gaatggaaat	catgatcctt	gccccatggc	actgagctga	aagaaagagg	aacctcacat	600
gaggctttcc	tagagaccag	gatgttgggt	gagtgggcgt	gcacttctca	agtgggcaag	660
gaagaactgc	ttttctccag	ctgacatgct	ctcaggggtg	aagaagttta	gcttaaaata	720
cctgatggcg	ctgcataaac	tggggatttg	ggaactgagt	ttttagctct	gtgacacaca	780
acataaaaaa	caaaaatcca	gtctcattag	ctaaattcgg	attaaaatct	gaaatgtttt	840
tatggagttg	ccaacaggct	ggaatgtacc	tgatacaatt	taatctgctt	ttatttcttt	900
ggctgtcttc	caaacaccct	tcttctctga	attcttaagt	tggctagttc	tccttctctc	960
gaaaaattac	cccctaagaat	cttcctaata	gtgagggtgt	acttccgaat	agaagagtcc	1020
ttcggtgtaa	atggcatctc	caaggcctac	agttcgaaatg	gggtctttac	acaccaatac	1080
tggtgtgaag	tggaaggata	ttccctctct	gtgccattct	actactggct	tgtttggggt	1140
taatacaatc	ctggagcctg	cctccgaatg	ggaagtcatg	aactcttggg	gtgccctcag	1200
agacactcgg	ctgggtgtct	tggtttctgt	ggcgcaggcc	tgtgtcccag	ccacacgagc	1260
tctgcagcc	acggctgcc	gctggttggc	ccagtgtcca	tccacagttg	ccaggatgtg	1320
gtagaccagc	gtgtggaaat	ggatcctgg	gagatccgag	gctctgcttt	tactcctccc	1380
atgttctttc	aagatccaga	agaggatgtc	actgaccatg	cccacatcag	gaacaccggt	1440
ccaggaagag	agagaagagt	gagggtccaga	ggctgactgg	gtgagaaata	acagctcctg	1500
ttcattcagc	ccaagggaag	tcaccgcggg	aaagacctgc	tgaaggaaca	atgctgtctc	1560
tgagctccct	gttagtcata	ctggcccagc	tctaggtgaa	actggaatac	cagtggggat	1620
gtcagaaaatg	gaggtttacaa	cctccaagag	tctcttcctc	tggagctcct	tgctttgtcc	1680
ctccatcatg	tgcaatccag	agaggccccc	caggtctggc	tgaaactcct	ccaggctaga	1740
cacaaacacc	tccagcatat	tcatggcccc	gttggagagg	tcgtgagaga	agatgaatcg	1800
gttggcatgg	ggagctttta	actggcccca	ctcctcccct	gcttgatact	ctaaaatgag	1860
gtggaactca	tccacttcct	gcaatgactc	tggtggaaca	aagacattgt	catcaagaag	1920
ctcatgtagc	tttggaccaa	ctggaccgca	aagaagaacc	tttaaactctg	agttggctgc	1980
aaatttctgt	ccaattaaag	ctgcatttcc	tctacatatg	tgctgggctc	ctgggaactc	2040
tgacgcaact	tgggcaatgt	cgtgaaaagt	tctcttatca	ctgaagaagc	gctcagcagc	2100
tgtcccttc	cccataaggt	gaatgaaggc	tcttccaga	tcatttccttg	aatgcagaat	2160
gctgtgatct	ttcccattcc	caggactaag	gccaaagtgc	tgcaagagct	tcaccctga	2220
ggaattca						2228

```
<210> 1067
<211> 631
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (31)...(403)
<223> similar to gi2317898 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 1067  
tttcgttgct ctcacacatc cttcgtcccc tctcaccaac cctctcccat atttctcccc 60

```

ccttcctcca tgcctcctg ttctactccc tccaccacca ccctccaaag ctctctggtg 120
gatgtgagct gacagtggc ctccaggact tcagtgcggg ccacagcagt gagctgacca 180
tccaggtggg gcagacggta gagctgctgg agcggcccag cgagcggcct ggttgggtgc 240
tggtccttac caccgaacgg agcccgccct tggagggtct ggtccccagc agcgcctgt 300
gcatctcaca ctcccgaagc agcgtggaga tggactgctt ctcccccttg gtgaaaggta 360
ggagaacaga gcgggtggga ggcacagacc aaggaggcca cgagcgtgg cctgactcta 420
gctgaagacc accatggaag tgacctgtct cacagacca tttttaccct gtgggggttc 480
tttgggacct gactgtgaag agaattgggtt ggggaacttg agaggaagag ctcccagta 540
actgtgtgtg actttgggaa agtcatcttag ccttcctgag tcagtttcat cttggaaatg 600
aaggttgaat taagtaacct ccaagatctc t 631

```

```

<210> 1068
<211> 992
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(993)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1)...(992)
<223> similar to gi5360129 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1068
tttcgtggga aggacaaggc cttcacctat gactttgtct tcgacctgga cacctggcaa 60
gaacagatct attccacctg tgtgagcaag ctcatcgagg gctgcttcga gggctataat 120
gccacggtgc tggcctatgg gcagacgggg gccgggaaga cgtacaccat gggcactggc 180
tttgacatgg caacgtcgga ggaggagcag ggcacatcc cgagggccat cgcacacctc 240
tttgggggca ttgccgagcg caagcgccgg gcacaggagc agggcggtggc tggacctgag 300
ttcaaagtca gcgcccagtt tctggagctc tacaacgagg agatccttga cctgtttgac 360
agcaccggtg accctgacac ccgccaccgc aggtccaaca tcaagatcca cgaggacgca 420
aacggtggca tctacaccac tggcgactct tctcgctca tccactccca ggaggagctg 480
atccagtgcc tgaagcaggg ggccctgtcc cgcaccacag ccagcaccca gatgaacgtg 540
cagagctcac gctcccacgc catcttcacc atccacctgt gccagatgcg catgtgcacc 600
cagcccagacc tggatgaatga ggcagtgcact gggcttctctg aatggacacc tccctcgagt 660
gagtatgaga cactcactgc taaggttcac tttgtggacc tggccggctc aaagcggctg 720
aagcggacag gggctactgg cgagcgggcc aaggaaaggca tcttcatcaa ctgtggcctg 780
ctggccctgg gcaatgtgat cagcgcccta gggaccagag caagaagggtg gtgcacgtnc 840
ctacaggact ccaagctcac tcgcttctnc aggatctgct ggggggcaca ggcagacct 900
atgaacgcct ggtgaaccct cacacgagat tcatggagaa cctaaacact taatattcca 960
tcggcccgga cattagaacc aggttagtga cc 992

```



<210> 1069  
 <211> 812  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (182)...(354)  
 <223> similar to gi3417297 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1069  
 gcgctgcagg caccgggccg gaattaccgg gtcgacgatt tcgtgcgggg cccgccgagg 60  
 cccggcttct gtcctgcgcg cgcagattct cgcaaatctg gaagcggatc gcgtggagtg 120  
 acggtcacac cgcggcgaat taattcccaa agactcatgt tacatgagaa agccaccaag 180  
 aagaccaaag aaaaggagac aaggatggct cttcctcagg gatgcttgac tttcaaggat 240  
 gtggctatag aattctcttt ggaggagtgg aaatgcctga accctgcaca gagggcttta 300  
 tacagggccg tgatgttgga gaactacagg aacctggagt ctgtgggatt gacttctaag 360  
 gactcttggt acatgaggaa gaaacccgga aggggaagag gaaagcaaag gcgtcaggaa 420  
 tggttcttcc tcaggggtcta ttgacattca gggatgtggc catagaattc tctcaggagg 480  
 agtggaaatg cctggaccct gctcagagga ctctatacag agatgtgatg ttggagaatt 540  
 ataggaacct ggtctccctg ggtgaggata acttccctcc agaagtgggg atgttccctt 600  
 gtgtatcttt gcattttctc ttgtttctct tgggagttgc atccttgctt gactaaaatg 660  
 gaagccgtat tgattttgaa atgaaaagct tcatgatgta gcatctggac tttcactgtc 720  
 ccctttttta gatgttctgc gctcttcatt atagctcagt gggggttcca gaagtaaaga 780  
 ttgctctata ccttatggct ggcaaggcgt gg 812

<210> 1070  
 <211> 2912  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1258)...(2703)  
 <223> similar to gi292836 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1070  
 cccgtgtcga cgatttctgc ataacgaaat agctaccgga agtgcgctgc tcgcaccccg 60  
 ggacccgccc gggctgccgg ctgatgtgga ccgtccgacc cgcgtgtctg ataatccttt 120  
 gacgggtttt ggtcggcgga gaatggtctc taaacttccc aaaccgcccc cgtttcacgt 180  
 cctgtgaaag gaagtgtctc tctgatgacc aatcagcggc gagaagctct tttaacgtcc 240  
 gtcttctttt cagcctcct tccccgcgt ttggttcgtg cgtccgcgcc ccagtgtcgg 300  
 gtctgcgtgg atcggctcct ccaggacacc gtcgccttcc cggccgcgtc ggagtccggc 360  
 ggcgacctgc ctctgaaaca tggcaggctc ggatgctgag tgggtaacca ttgccaataa 420  
 ccttcttttt aagtgtcata tacatctgag aatacatgaa cttcaagact gtgatgctaa 480

tgtttttatt	gctctttatc	agtctatttt	gggagaaaag	gtaccagacc	tcatagttat	540
tcctaggagt	caagaagatg	atgcacacaa	tgtacaagca	gtaattgatt	cactggcctt	600
ggactacttg	caggtcagct	tgtctcacat	aacaggagaa	aatatagtga	aaggagataa	660
agaatctatt	aagaatctcc	tggaaatatt	tgatggtttg	ttggagtatc	ttacagaacg	720
catcagtga	acatctcatg	agaaaagtgc	tccttgctct	ctgagatggt	gggcccctct	780
tgggatggag	atgaagcaga	atccactggt	gaaatcatta	gacttggaga	cacagcacac	840
accttttctc	taagaagtaa	tggtgctcaa	tgtcctaata	aaatgctgtc	taaaaaagcc	900
ttagcctcac	caagttctaa	atcacatgaa	gatatgttgt	accctcctag	tgttttgtcc	960
aagagtagga	catcctttgt	tgaagacacg	gaaacccttt	ctgtgagtg	gattccaaat	1020
gctaggaagc	taggggagcc	tatccgagca	gctattcctt	tacatccacc	ctaccaccct	1080
tcagagcctc	gagcaccctg	ccccatagga	aaagaatact	tgcattcaag	tactgtctcc	1140
ccagccgtaa	attctactgg	agagcatacg	gaattttctg	gggatctaga	tgatggactt	1200
ttcttaattt	ccaagttg	taaaggcagc	aaatgggaag	tatatccagc	tcaggtccaa	1260
gggcttagga	caaggaagcc	tcccaaagga	aaaagaaatg	aaaacagagc	tacagcctca	1320
tcttgcaatt	cacctttccc	ccagaggcca	agaaagagat	taacagaaca	agaattacat	1380
gatgtatcag	aaaaactctc	tcagcggtct	tctgaactag	attggatggt	aaaaagtgtc	1440
ctgggtgatc	ggattaaaga	aaagactgac	cataaagaag	aaaatactgg	aaatgaggag	1500
gtagaggatg	gaactgagga	gacactgtct	cagcacagt	atggcatcgt	ggagtatggg	1560
ccaaagaagt	caaggccagg	actttccatg	cgtagaaagc	caccctacag	atccattctg	1620
ctctctccat	ctccagttaa	caaacacaaa	cagttccact	tggagagaaa	aaggcagcgc	1680
aagccaagag	aaacagatgt	ccgccaattc	caagcacagg	cgtttactga	agcatttgaa	1740
agggaaactaa	gaagacataa	agttcaagag	aataattggac	ctctaagaat	acatgagaag	1800
gaggaggaaa	cagaaaaaat	atacagagga	gaagctgttc	gtaaaggaac	tccagaatgt	1860
agtcagccct	ggaagattta	ctctagaaaa	accacaacgc	agagtctaag	aggtggcctc	1920
ccaaagccaa	ataaagcagt	tccaatgaaa	gtaagtgaac	acagtctcct	gccccttatg	1980
ctggagcagt	ttccgtttct	ttatgtttct	ggcccaacac	taagcaaaat	gtggaaacag	2040
caaattgcac	aggttgaaca	gcttaagaaa	gaagcatgta	gagaaaatcg	atcaaagaag	2100
aaactccaag	atgaaataga	agaagcccta	agaaggcatg	acctccttac	tacccttgtc	2160
aagaaagaat	atgaacataa	caagagactg	caagacttca	aggactgcat	tcgtaggcaa	2220
aggttgacct	aatcaaagat	aaaagaaaat	cgacagcaaa	tcgttcgtgc	tcgaaaatat	2280
tatgatgatt	atagagttca	gttgtgtgca	aaaatgatga	gaatgaggac	ccgggaagaa	2340
atgatattta	agaaactggt	tgaagaaggt	ttaaaccattc	aaaagcaaag	attacgagac	2400
ctaagaaact	atgccaaaga	aaagcgagat	gaacaaagga	gacgccacca	ggatgaactg	2460
gactccatgg	agaactacta	taaggaccag	ttttcattgc	tggcagaagc	catatcacag	2520
gaacatcaag	aacttaagc	cagagagaaa	tctcaggccc	agacattaca	taagggtgaag	2580
agggagctga	gatctaagat	ggagaaggaa	attcagcagc	tgcaggacat	gataacacag	2640
aatgatgatg	atgttttctt	ccgggaactg	gaagctgagc	gcttcagatc	tcggcttcag	2700
ctggcttcct	ttcagtacag	taaaagtccc	tccctatgag	gccagacttg	ataatagtag	2760
gtgaagggtc	tggaggcctt	taccaggaca	gagctagaat	cgagccagta	aacagtctaa	2820
gccagaaaaa	taattttcaa	atgctttacc	tgtattttca	ttccagtact	ttttatgatt	2880
ttttaataaa	aaattgtttt	ctaaaaaaaa	aa			2912

<210> 1071

<211> 1652

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (7)...(1126)

<223> similar to gi5155 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 1071
actaggggag gtgctcaagt gccagcaggg cgtatccagt ctggcctttg ccctggcctt 60
cttgacgagc atggacatga agccgctggg ggtcctgggg ctgccggccc ctacggctcc 120
ctcgggctgt ctttccttct gggaggccaa ggcgagctg gccaaagagct gcaagggtgct 180
ggtagacgag cttcgacaca acgcccggcg tgctgtgcca ttttttggcg gcgggtctgt 240
gctacgagct gccgagccgg ctcccatgag cagctacggc ggcatcgtct cgggtggagac 300
agacctgtg cagtgggtgcc tggagtcggg cagcatcccc atcctgtgcc ccacggggga 360
gacggccgag cgcgctccg tgcttctcga ctccctggag gtgaccgagc cgtgggcaa 420
ggcgctgagg ccacacaaa tcatcttct caataacaca ggcgccctgc gcgacagcag 480
tcataaggtc ctgagtaacg tgaacctgcc cgccgacctg gacctgggtg gcaacgccga 540
gtgggtgagc acaaaagaac ggacagcagat gcggctcatc gtggacgtgc tcagccgcct 600
gccccaccac tcctcggcgg tcatcaccgc cgttagcagc ctgctcactg agctctttag 660
caacaagggg tccgggaccc tgttcaagaa cgccgagcga atgctacggg tgcgcagcct 720
ggacaagctg gaccagggcc gtctagtggg cctgggtcaac gccagcttcg gcaagaagct 780
caggagcagc tacctggcct cgctgcgccc gcggctgcac tccatctacg tctccaggag 840
gtacaacgcc gccgccattc tgaccatgga gcccgtcctg gggggcaccg cgtacctgga 900
caaattttgt gtgagctcca gccgccaggg ccaaggctcc ggccagatgc tgtgggagtg 960
cctgcggcgg gaccttcaga cacttttctg gcgctcccgg gtcaccaacc ccatcaatcc 1020
ctggtacttc aaacacagt atggcagctt ctccaacaag cagtggatct tcttctggtt 1080
tggcctggct gatatccggg actcctatga gttggtcaac cacgccaagg gactgccaga 1140
ctcctttcac aagccagctt ctgaccagc cagctgaccc tcacctgga cactacaggc 1200
cctggaatgg ccagggtgga ccaaaagcca tgcccagctg ggcatgaccc caggcagcca 1260
gccacaggct gaagggggct tgttggctga gtgatctgca gaggagaaaag cagcccccag 1320
ctctgccccg gaggaggcgc tgaagtggga caagcacagg aaagaagggg accagtctag 1380
gaccccaact tgactcactc taaagctaca accaaatggc cttcgatttt caacctgggg 1440
attaggggag gggagggtgc cttccagggc tcttactcag gacttaaccc ttaagggtga 1500
gcttagtttc tgtcctcttg tgcttatgtt ttgaggctcc cttacccaaa ataatacccc 1560
tgctgcgtg atattctacc attcatttta attcctttg gtcttgagc ttttcaggag 1620
gccttgatta aaatgcaaat acttgtctga ga 1652

```

```

<210> 1072
<211> 635
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(638)
<223> similar to gi5689447 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1072
cgagcacctg aaggatgaca tggaagcttc cgggacccag aactgcttcc tcaactccga 60
gatccaccag gtcacaaaga tctggagaaa ggtggctgag aaggagaagg cccttctgac 120
gaagtgcgcc tacctccaag ccagaaactg ccagggtgga agcaagtacc tgcccggtct 180
gagaaggctg caggaggccc tgggggacga agccagcgag tgctcagagc tgctgaggca 240
gcttggtccag gaggcactgc agtgggaagc tggggaggcc tcatctgaca gcatcgagct 300

```

gagccccatc	agtaagtatg	atgagtacgg	cttcctgacg	gtgccccgact	atgaggtgga	360
agacctgaag	ctgctggcca	agatccaggc	attggagtca	cgatcccacc	acctgctggg	420
cctcgaggct	gtggatcggc	cgctgaggga	gcgctgggct	gccctgggcg	atcttgtgcc	480
ctcagccgag	ctcaagcagc	tactgcgggc	aggagtaccc	cgatgaacacc	ggcctcgtgt	540
ctggaggtgg	ctgggtccacc	tccgtggtcc	agcacctgca	cactccaggc	tgctaccagg	600
aactgctgag	ccggggccag	gccccgcgagc	accct			635

<210> 1073  
 <211> 878  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (17)...(863)  
 <223> similar to gi2317934 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

cccggttcga	cccacgcgtc	cgctgctcc	tcctcccatg	ccatctgtat	ttctgccacc	60
caccactata	ccctcccctc	gaggccaggg	ccacactccg	gagttccctt	gtactgagca	120
gagtggacga	ggccttctac	ctcctgtagc	ccccagctgg	cttgatttgg	ctggtcttgg	180
ggtgatgcct	gacaccttca	actcaaggtc	tccctctgtg	gagggttctc	tgtgggcagt	240
gggcacagag	agtcagggtc	gagattggag	gcacctgccg	accatcacaa	gtgagctctc	300
tggggctccc	cgctgccaca	ctgtaccctg	tgctgggagc	acagctctcc	aagagcctgg	360
ggagccccag	gggccaccag	ccagcccttc	gtgcccagag	gaggccttgg	ctgccacatg	420
ggagcagcca	tgggcttcgg	aggtattcgg	gcctgagaga	atgccccctt	ctggagctgc	480
tcgaagcttc	caagaagtaa	cagagccagc	tgtagtggca	gtggaccggc	aggccatctt	540
cccagatacc	tggactctca	cggaggaaca	tggcctacag	caggagaggc	caaggccaga	600
gccagggagg	ctgggaagca	gctcccctgc	ctcagttacc	acggagcagc	taggtgcaaa	660
gatgaccgag	aggggaagtg	tggccaggcc	aaccagggga	cctgaaaccc	caaggagccc	720
agagggcacc	acggaagctg	ccaccagga	cggaagga	cagccagagc	ttccatgtgc	780
catggccatg	ggcacacca	gcaccagga	gaggatttcc	acctctggcc	aggcaggcac	840
cagctcgcat	ggctgctggg	catggccatt	ggcgggtc			878

<210> 1074  
 <211> 771  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (376)...(773)  
 <223> similar to gi433003 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1432)...(0)  
 <223> similar to gi763157 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1076

gtgctgggaa	cggcaaggcg	gtctggggga	tggggagggg	caaaggtgag	agatcacctt	60
ccctatcctc	caccttcccc	caggggaagac	gaagccagg	gccagggctg	gggtcgggac	120
acccatgttc	tgggcggctt	gaccccaaat	cccagacccc	ggaagctcca	ggctcgggat	180
gtgtcctgag	cacctgtccc	ggccccctcc	tctccagcct	gtcaggccag	cctccccagc	240
ccccttccct	caactctagg	ggcagcatag	ccccaggcca	ccctagccca	gccccctgcat	300
tgccgtttcc	ccagaggtgg	cccctccacc	tctgctctga	cctctcccca	tctctctgcc	360
cctccttttc	tcacaagtgc	catgagtttt	caaacatctt	cgggtctcag	cctgctgctg	420
ccatgaactt	tgttggttta	agggggagg	gctctaggaa	ggaactgggg	ggaaggggac	480
aggtaggtgg	ctggaggggac	cctttttgct	gctagaaagc	ccctcccttc	tcccggggag	540
ctggggctgg	cttgtcccca	tcaattagg	gagaaggggt	cagaccaaag	atggtggttt	600
gtcccgtgta	agggaacagg	tgtggggaag	aggtgggggt	gggttccaac	tctggctttt	660
tctggtagaa	aggcctaacc	cattacacca	gaagaccatg	ggtgaagtct	agatggggag	720
gagaagtgag	gccagggaca	gtcttgccag	acgactctga	ggagggcaag	ggacagttcc	780
atggcccttc	ccggactgca	ctaggctggg	agctctgttg	tgtggagggg	tggtcagagg	840
tctgtgaaga	gcgggcagga	ggcatgagca	ggcgaggagc	tggcctgtcc	cgggaagcag	900
cccagcctgt	ggctgcccc	gacaccagga	ggagggccag	gagagttcca	gggggctgag	960
gcacacagag	aggccaactt	cctccctgcc	cagccttcct	tgtatctctc	cagactcgga	1020
caatcaaagg	gagagagggt	gtatcgggtc	ctgttccagc	cggcatcgcc	gggtggcttc	1080
caggcctcag	agctgtgtgg	cagggcccc	tgctggggct	ggacatcact	gcagtcaggt	1140
gcaaagccgc	ccccagagcc	cagggtgtccc	cccaacctaa	ccagacctgg	tgccttgacg	1200
ccccacccc	agctgggacg	gtacagagaa	gggtcttggt	ttcctctcct	actcccttcc	1260
ttaggtcctt	gaactcgttt	gtcctctaat	cttggttaatt	ctttttctct	ggattttggt	1320
ttcttttggc	tttcccttgc	cttccctttt	ctctgtctcc	aacactcttt	ccccatgtct	1380
ttctggctgt	ctctatgttc	ctcttctctt	atcctcaact	ttctgtccat	tcgggcctcc	1440
tccccacctc	ccacgcccc	gccccctcct	ccttggtctc	cttttcgata	tgccaaacca	1500
attttggttc	gagtgcat	aacgagaaca	aaacaaaagg	ctcataacaa	caagaacgtt	1560
tcagaaaaaa	acaaaaagtt	ttaaaaaaat	tgttgagtca	aaaagtcaaa	caataaagaa	1620
attaagattt	cttggaaaaa	aaaaa				1645

<210> 1077  
 <211> 465  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (64)...(468)  
 <223> similar to gi56525 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 1077
gaattcttgg ggcgaaccac gcgctccgcc cgcgttcgcc acgcgttcgc ccacgcgtcc      60
gcaataatag taggggactt cacaccccac tttcaggaac gggaaggtca tccaggcaga      120
aaaatcaaca agaagcattg gagttaaaact atactctagg ccaaaagagc ctgacaaaaca      180
ttaacagaat atttcatcca acagctgcag aatacacatt attctcattg gcaagtggaa      240
cattctccag gatagactat aggttagctc acaaaacaat ctcaaaaaat taaaaaacgt      300
caaaattata tcaagtctct tttctcaaca caatcaaaaa aactagaaac catagcaaga      360
ggaacttttg aaactatgca aacacatgga aattaaacaa catgctcccg aatgaccagt      420
gggtcaggga agaaattaag agggaaaatt taaaatttct tgaaa                          465

```

```

<210> 1078
<211> 1222
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (149)...(1090)
<223> similar to gi5901810 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1078
cacttgctga cccaagcctc cccggacgcy tggggcgccc ccggacctgc cgggacctgc      60
gtttgcgcag gaagaattcc ccaaggagac ttcgccatag gagttcacag gaaatattga      120
aatgtcaggt tccactccat ttcagatgag attagttcat ttagacctta aaggagctcc      180
accaaaggte tcgtacctct caaagcccct ctgaaatcaa agagatcttg catctggctg      240
gactcaatga gctggagggt attcccttgg tgcagacatt tggacacatg gagtttgtgc      300
tgaagcacac ggcttctgcc cacctgcggg aggtgggctc cttcccctgc accctgaacc      360
cccacgaggc agagtccctg gcgctggtgg gcgccatgat tgaccaggte ctggagctac      420
acccaggcgc ccagcggctg cacgtcgggt gtgatgaggt ctattacctc ggagaggggg      480
aggcctcgcy ccggtggcta cagcaagagc agaacagcac ggggaagttg tgcctgtcac      540
acatgcgggc ggtggccagc ggcgtgaagg cccggcgccc cagcgtgaca cccctggtgt      600
gggacgacat gctccgagac ctgcctgagg accagctcgc agcgtccggg gtgccgcagc      660
tggtggagcc ggtgctctgg gactacacgg ccgacctgga tgtgcacggc aaggtectcc      720
tcatgcagaa gtaccggcgg tgcggctttc cgcagctgtg ggcagccagt gccttcaagg      780
gtgccacggg gccagccag gccgtgcccc ctggtgagca ccacctcagg aaccacgtgc      840
agtggctgca ggtggcgggc agcgggcccc cggactcact gcagggcata atcctgaccg      900
gctggcagag gtacgaccac tactctgtgc tgtgcgagct gctgcccgca ggagtcccgt      960
ccctggccgc ctgcctgcag ttgcttctac gcggtatgtc tgggtctggcc accccaagcc     1020
ccaccggccc ctccccgaaa gaccgggagg cagggaggcc aagcaccag tgctccaacc     1080
accctgctgg actgtggtgg tcctcacagt cggaggatgg tctcaccgcc ccagctcagc     1140
caccacctg ccctgaagtc caccaggt gggcctgtgt ctgggtctcc aggcctaagc     1200
ccaaagcagg ctggagagtg ac                                     1222

```

```

<210> 1079
<211> 1546
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(1316)
<223> similar to gil302072 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1079
tggtcctcct cctacggacc atgaactcac tcaagcaatt gtacacagtg actatggatg      60
tgcattccag gtacagaact gagggccatc aggatgtggt gggaagattt aatgaaaggt      120
ttattctgtc tctggcctct tgtaagaagt gtctcgtcat tgatgaccag ctcaacatcc      180
tgcccatctc ctcccacgtt gccaccatgg aggccctgcc tccccagact ccggatgaga      240
gtcttgggtc ttctgatctg gagctgaggg agttgaagga gagcttgagc gacaccagc      300
ctgtgggtgt gttggtggac tgctgtaaga ctctagacca ggccaaagct gtcttgaaat      360
ttatcgaggg catctctgaa aagaccctga ggagtactgt tgcactcaca gctgctcgag      420
gacggggaaa atctgcagcc ctgggattgg cgattgctgg ggcggtggca tttgggtact      480
ccaatatctt tgttacctcc ccaagccctg ataacctcca tactctgttt gaatttgtat      540
ttaaaggatt tgatgctctg caatatcagg aacatctgga ttatgagatt atccagtctc      600
taaactcctga atttaacaaa gcagtgatca gagtgaatgt atttcgagaa cacaggcaga      660
ctattcagta tatacatcct gcagatgctg tgaagctggg ccaggctgaa ctagtgtgta      720
ttgatgaagc tgccgccatc cccctcccct tggatgaagag cctacttggt ccctaccttg      780
ttttcatggc atccaccatc aatggctatg agggcactgg ccggtcactg tccctcaagc      840
taattcagca gctccgtcaa cagagcgccc agagccaggt cagcaccact gctgagaata      900
agaccgagac cgacagccag attggcatca gcgcggacac tgcagaggtt ttccctccag      960
gagtcaatcc gatacgcccc tggggactgc aagtgggaaga agtggctgaa tgacttggct     1020
gtgcctggga attgccttca acaatcactc cggataagtt ctcaaggctt gccccctttg     1080
cctgaagctt gtgatctgtc ctatgttaat agagataccc tcttttgggtg ccacaaggcc     1140
tctgaagttt tcctccaacg gcttatggcc ctatacgtgg cttctcgctt caagaactct     1200
cccaatgatc tccagatgct ctccgatgca cctgctcacc atctcttctg ccttctgcct     1260
cctgtgcccc ccaccagaa tgcccttcca gaagtgtctg ctgttatcca ggtataggag     1320
cagaggcgct cttgtggcag tgatttgggg aaccactgag gcatcaggaa ttagtggctt     1380
aataactgca ttgtgggagt ttgaaaactg tggagtcctg gtctggaacc aaggggctgg     1440
gtctgctgag acaggtgact aggggtgcact ggaagagggt agcgccacta gacacccaaa     1500
gctccactgt tgacggacgg ggaaaagcca gaaccgaccg ctctct      1546

```

```

<210> 1080
<211> 1319
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1320)
<223> n = a,t,c or g

```



<220>  
 <221> misc\_feature  
 <222> (542)...(710)  
 <223> similar to gil617114 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1080

gactatatcc	atcagcgtga	aaactccagc	aggagggaag	gaaacagatg	tccctgagtc	60
attcagttcc	ttcagaagtt	gtttttgagt	acctactatg	tgccaggctg	tctgcttggc	120
actgtggaat	gagctcactc	cctgtgcca	agcagctctt	ggaataattt	gcacacttct	180
caatacagct	ggtgcctagt	agggttattc	aattccattc	catcacatcc	tgtgtgcctt	240
taactcttac	tgtanagagg	aaagggaaaag	gtgngggagg	acaggagagg	aaggaggcga	300
tctgatacac	ggaagagagt	ttttactgta	atccggagaa	aatgcaggtc	ttctttgatg	360
cctttcatat	tggatgacat	aaatgagact	gtttttaaca	ctttattagc	aatatgaaga	420
gtttcaaaaag	aggaaaaatg	ggtttttatt	gtaagtttac	attatttggg	ctttataaaa	480
gcatggtctt	ttaaatgttc	acacttccct	gggcatgaat	ggactgtgct	gtatggccct	540
agatcgggaa	aaagagctaa	tccgccaaagc	agctctgcag	cagaccaagg	agatggacct	600
cagccgtggt	gcggctcatg	tttacagctt	ttcttccgga	tagcactggc	agcttcacaa	660
ggcgccctgga	acccgtggta	tcagacgcca	tctatgacag	tagtgagtac	ttcacttcca	720
acagggggca	caccaagaat	agacttccag	ccctgccctg	ccatttactt	gctagctgag	780
tcctggggaa	ggtaacttaa	tcactttaag	cctcagcttt	atcatctgta	aaatgtgaat	840
aggaaaatct	agcttgaaaag	gttgatgtcc	aggttaaaatg	aggattttta	agaggggctc	900
aatacatgta	attctttttc	ctttgatgta	cattttttag	tcttttacat	gaaatgtcac	960
atctcatctt	atttatgaat	gtcttgctat	aaagatatat	ggttgatact	tttagaaggg	1020
agaataatcc	caattttctt	tggtggtggg	gggactctgg	aaaggagttt	ataaaagaca	1080
actattattc	ttacccattt	tctttcccat	atgttactag	ctttatcaag	agagaaactt	1140
gaagttaa	gaatgagtag	catagacagc	atgtgacttc	aaaatcctat	ttcaagcctg	1200
ggtttgctgc	atgctctgga	gtctcaccta	cttgggaggc	tgagggtggga	ggatatggag	1260
ttcagcccag	catgagcaac	attatgagac	cctatctcaa	aaaaaaaaat	aggattttt	1319

<210> 1081  
 <211> 675  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (149)...(666)  
 <223> similar to gil477565 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1081

atcatatata	gtattataaa	tgaaggattc	tgctttcttg	gccttattca	ttagtacgct	60
agtatgaaat	ttggaactgc	tttgagtgtg	tattacaatt	aagtactatt	cgtttctgtc	120
cctttttttc	tttttaagaa	ttaagtaaaa	actagttaac	attttttccc	ttttaggagg	180
aaaaggatta	gtagatattc	agcctcattg	ggtatctgcc	ctggcttggc	cagaagaggg	240
tccggctaca	gcctgggtcag	gagagtctcc	agaattgttg	ttgggtgggac	ggatggatgg	300

```

atctctggga ctgattgaag ttgttgatgt gtccaccatg caccgtcgag aattggagca 360
ttgctatcga aaggatggat actcttatta gcatgaagtg ggaccctaca ggcatatttc 420
ttatgacatg tgccaaagaa gacagtgtga aactctgggg ctctattttcg ggatgctggt 480
gctgtctaca ttcactctgc catccatcta ttgtaaatgg cattgcttgg tgccgccttc 540
cagggaaagg atccaagttg cagttactga tggctactgg ctgtcagagt ggcttagtat 600
gtgtttggcg cattcctcaa gatactacac agaccaatgt gactagtgca gaaggatggt 660
gggtcgacgc ggccg 675

```

```

<210> 1082
<211> 930
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (173)...(930)
<223> similar to gi3135968 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1082
cgcaattttcc ggttcgaccc acgcgtccgc ccagggtaccc gagcttggag atctgtgtga 60
tgatttattt taatgagact ggggagtccc cgaaggcagg aggctgccac agtccctctc 120
ccaggagggg gacttcacac cagctgccat ggggctcctt agggggccct taggggagaa 180
agatctggac tgtaatggtt ttgacagtcg cttcagtcctg agcccaaacc tgatggcatg 240
tcaggaaatc cctacagaag agaggccaca tccatatgac atgggtggcc agagtttcca 300
gcacagtgtg gacctaaactg gtcatgaggg ggttcccaca gctgaaagtc cactcatatg 360
taatgagtgt gggaaaacct tccaaggaaa tcctgacctt attcagcgtc aaatagtcca 420
cactggggag gcttccttta tgtgtgatga ttgtgggaaa accttcagcc agaactcagt 480
tcttaaaaac cgtcatcgat ctcatatgag tgagaaagct taccagtgc gcaaatgtgg 540
gaaagccttc cgagggcact cagacttttc taggcacatc agtcaccaca gcagtgcagag 600
gccttatatg tgtaatgaat gtggaaaagc cttcagccag aactcgagcc ttaaaaagca 660
ccaaaagtct cacatgagtg agaagcccta tgaatgcaat gaatgtggga aggcttttag 720
gcggagctca aacctcatcc aacatcaaag aatccattct ggggagaaac cgtatgtgtg 780
cagtgcagtg ggggaaggcct tcaggcgaag ctcaaacctc atcaaaccac acaggactca 840
cacaggagag aagccttttg agtgggcgag gtgggggaaag ccttcagcca gagtgcaccc 900
ttgaggaagc accatacggt cacactggag 930

```

```

<210> 1083
<211> 684
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(386)
<223> similar to gi2662079 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 1083  
actttactga gaagaacagg gctgtgattg ttgatgtcaa aactcgggaag aggaaaaacag 60  
tgaaggacta ccagctggtc cagaagggag gaggacaaga gtgtggtgac tctcggggccc 120  
agctgagcca gtactcccag cactttgcct ttatcgccag tcaccttctg caaagcagca 180  
tggacagcca ttgtcccag gtagtagaag caacttgggt cctgtccctg gccctgaaag 240  
gattgtataa aacactaaag gctcacggtt ttgaggagat cgtgctactt tccttcagac 300  
cgatttgctg aagttgctgg tgaaaaagtg cagcaaaggg actggcttta gtaaaacgtg 360  
gctcctccgg gacctggaag taagagacga gagggactcc tgctcctctt tcctggggca 420  
gatgtgctgg cctaggagt agaaagcatca ccgagttcca gctgcttctg ccctgtgcac 480  
actccttttag tacagtgttg aaaaactccct tgcttctgta ttccctgttg gaaataggga 540  
ttatgacacc tgtctacccc tgtcagggaa aatgaattta atgtttgttc aaagaacagt 600  
ggaagagaag cattttatgg aaacacatga ttaaccatta tatcatggta ataaaaggata 660  
cccttgaatt catatttccc tttta 684

<210> 1084  
<211> 1467  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (17)...(1416)  
<223> similar to gi3169065 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters-

<400> 1084  
ggaggcagga gattcagacc ctaaagttca gatcaacgcc atttgcagtc agtggctacc 60  
catatcccat gctgttcttg ctatggtgtg tcagaaactt cctagtcccc ttgatattac 120  
agctgagaga gtggagagac tgatgtgcac aggatcacaa acttttgact cttttccacc 180  
agaaactcaa gcactgaaag cagcttttat gaaatgtgga agtgaggaca ctgctccagt 240  
tattatatatt gtttccaaaa tgtttgcagt tgatgctaag gccttgccctc agaataagcc 300  
aaggcctctc actcaagaag aaattgctca gagacgtgag cgtgcaagac aaaggcatgc 360  
agagaagctt gcagcagcac agggacaggc acccttgagg cccacccaag atgggagtgc 420  
cattgaaaca tgtccaaaag gagacgagcc aagaggtgac gagcaacagg tggaaagtat 480  
gaccctaaaa cctgtgctcc aggaagaaaa caaccaagag tcttttattg catttgctcg 540  
ggtgttcagt ggtgtggctc gaagaggaaa gaaaattttt gtcttggggc ccaaatacag 600  
tcctcttgag tttttacgaa gggtagcatt aggccttctca gctccaccag atgggcctcc 660  
cccaagtccc ccacatggca tactgtgctc tggaaaacct gtatcttctg atgggaaggg 720  
aactggaata tctagaggag gtacctccag gaaatgtgct aggaatagga ggccttcaag 780  
attttgtgct gaaatctgca acactgtgta gcctgccatc ctgcccacca tttataccac 840  
tcaacttcga agccactcct attgtgagag ttgctgttga accaaaacat ccaagtgaaa 900  
tgcttcagct cgtaaaagga atgaaactgt taaaccaggc tgatccctgt gtccagattt 960  
taattcagga aacgggagag cacgttttag tcacagcagg agaagtccac cttcagcgat 1020  
gcctggatga cttaaaagaa aggtttgcaa agattcatat cagtgtatct gaacctatta 1080  
ttccattcag agaaacaatc acaaaacccc caaagttga catggtcaat gaagaaatag 1140



<222> (62)...(441)  
 <223> similar to gi5901846 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1086  
 gttccgcccc attggcataa tacgccaagc cctgtgctct gcagacggcc accagagaag 60  
 gacccctact ctgcgcctgg gattgctcgt tatcccgttt ctccccgcaa gtaacctgtt 120  
 cttccgagtg ggcttcgtgg tcccgagcgt ggggtgctgt gtgatgctgc tttttggatt 180  
 cggagcctgc gcaaacacac cgagaaaaag aagctcatcg ctgccgtggt gctgggaatc 240  
 ctactcagca agatgctgag aggctgagat gcgcggtgcg cggcggcgag tggcggagcg 300  
 aggggcggtt ttcagagcgcg ctgtgtctgt gtgtcccctc agtgctgagg ttcgctgcaa 360  
 catcggcaga aacctggctg cttaaaggcaa ccaaacgggc gccatcagat accaccggga 420  
 agctgtaagc ttaaattccca agacgaaatc gtcgacacgg gaattccggc cttgc 475

<210> 1087  
 <211> 2848  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (46)...(2848)  
 <223> similar to gi2842467 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1087  
 gagcaggaaa agcgaaagag gtccctgaag ctcatctctg agaagaagct ggccattctg 60  
 gagcgggcca ttgagagcaa ccagagcagt gtggatctga aactggccaa gctgaagctc 120  
 tgcacagagt tctgggagcc ctccactctg gtcaaagagt ggcagaaact gatatttttg 180  
 catcccaata atacagccct ttggcagaaa taccttttat tttgccagag ccagtttagt 240  
 accttttcga tatcaaaaat tcacagtctt tatggaaaat gcttgagcac tttgtctgct 300  
 gttaaggacg gcagcatctt atctcaccct gcgttgccctg gcacggaaga ggccatgttt 360  
 gcaactcttc ttcagcagtg ccactttctg cggcaggetg gccactctga gaaggccatc 420  
 tcattgttcc aggccatggt ggacttcacc ttcttcaaac ccgacagcgt aaaagatctg 480  
 cctaccaaag gacaggtgga attctttgaa cccttttggg acagtggaga gccccgggct 540  
 ggggagaagg gagcccagag ctggaaggcg tggatgcacc agcaggaacg aggtggctgg 600  
 gtggtcatca acccagatga ggatgacgat gaaccagaag aggatgacca ggaaataaaa 660  
 gataagactc tgcccaggtg gcagatctgg cttgctgctg agcgttcccg tgaccagagg 720  
 cactggcggc cctggcgccc tgataagacc cttgctgctg ccgaggaaga ctgtgaggat 780  
 cccgagagac aggtgttgtt tgatgatatt gggcaatctt tgatcagact ttccagccat 840  
 gatcttcagt tccagctggt ggaggccttc ctgcagttct tgggtgtgcc ttctggcttt 900  
 actcctccag cctcctgtct ttatctggcc atggatgaga acagcatctt tgataatgga 960  
 ctttatgatg aaaagccctt gacttttttc aaccctttgt tttctggggc tagctgtgtt 1020  
 ggccgcatgg ataggttggg ctatcctcgc tggaccaggg gtcagaaccg agagggcgag 1080  
 gagttcatcc gcaatgtctt ccacctgtgc atgcctttat tttcaggcaa agagaagtcc 1140  
 cagctctgct tctcctgggt acagtatgag attgcaaagg tcatttggtg cctgcacact 1200  
 aaaaacaaga agagattaaa gtctcaaggg aagaactgca aaaaactagc caagaatctc 1260

cttaaggagc	cagaaaaactg	caacaactttt	tgcctgtgga	agcagtatgc	acatctggag	1320
tggttgcttg	gcaacacgga	ggatgccaga	aaagtttttg	acacagcact	tggcatggca	1380
ggaagcagag	aactgaaaaga	ctctgacctc	tgtgagctca	gtctgctcta	tgctgagctg	1440
gaggtggagc	tgtcgccaga	agtgagaagg	gctgccacag	ctcgagctgt	tcacatatta	1500
accaagctga	ctgagagcag	cccctatggg	ccctacactg	gacaggtgtt	ggctgttcac	1560
attttgaaaag	cgcgaaaaggc	ttatgagcac	gcactgcagg	actgtttggg	tgacagctgt	1620
gtctccaatc	cagctcccac	cgattcctgt	agccgcctaa	ttagcctggc	taaatgcttc	1680
atgctcttcc	agtattttgac	catagggatt	gatgctgctg	tgacagatata	cgaacagggtg	1740
tttgcaaaac	tgaacagttc	tgttttccca	gaaggctctg	gcgaggggga	cagtgccagc	1800
tcccagagtt	ggaccagtgt	tctcgaagcc	atcacactga	tgacacagag	cctgctgaga	1860
ttccacatga	aagtgagtgt	ttaccgctg	gcccctctgc	gagaggcact	ctcacaggct	1920
ttaaagtgtg	atccaggcaa	ccaggttctt	tggaggtcct	atgtacagat	tcagaataag	1980
tcccacagtg	ccagcaaaac	caggagattt	tttgacacaa	tcaccaggtc	tgccaaaccc	2040
ttggagcctt	ggttgtttgc	aattgaaagt	gagaaaactga	ggaagagact	ggtggaaact	2100
gtccagaggt	tagacggtag	agagatccac	gccacaattc	ctgagaccgg	cttaatgcat	2160
cggatccaag	ccctgtttga	aaatgccatg	cgacgcgaca	gtggcagcca	gtgccccttg	2220
ctgtggagga	tgtatttgaa	ctttctggtt	tccttaggaa	ataaagaaaag	aagcaaagggt	2280
gtattctaca	aagcacttca	gagttgccct	tgggcaaaagg	tgttgtaacct	ggacgccgtg	2340
gagtatttcc	ccgatgagat	gcaggagatc	ctggacctga	tgactgagaa	ggagctccgg	2400
gtgcgcctgc	cgctggagga	gctggagctg	ctgctggagg	attagagagc	agcgggaaaa	2460
cgggctgtgc	ctgcgaggcc	aagttgcca	ccctgcggag	ctaggaggcg	cgagcagaga	2520
acgtgtgtgt	taggagaact	cggcttttga	aatgttcttt	ctcgatagta	ataatgtggg	2580
ctgccagcct	ctcacatctt	gcacactttt	tgggtgtgta	aatgacacaa	aagttattta	2640
catattatat	atgtgaatat	gtgtatatat	gtacatagcc	agagagtcac	gccacgtggt	2700
cattaaaccg	atgatgattg	agaaaaaaaa	aaaaaagggg	gggccgtttt	aaaggatccc	2760
tgggggggcc	caagtttacc	cgggcttgca	aggaaaatagt	tttttcccta	tagggggccg	2820
aattataagc	tacctgggga	tcttttggg				2848

<210> 1088

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(712)

<223> similar to gi4589642 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1088

ggaaaaatagc	agatttttggg	ttcagtaacc	tcttctactcc	tgggcagctg	ctgaagacct	60
ggtgtggcag	ccctccctat	gctgcacctg	aactctttga	aggaaaagaa	tatgatgggc	120
ccaaagtgga	catctggagc	cttggagttg	tcctctacgt	gcttggtgtg	ggtgccctgc	180
catttgatgg	aagcacactg	cagaatctgc	gggcccgcgt	gctgagtggg	aagttccgca	240
tcccattttt	tatgtccaca	gaatgtgagc	atttgatccg	ccatatgttg	gtgttagatc	300
ccaataagcg	cctctccatg	gagcagatct	gcaagcacia	gtggatgaag	ctaggggacg	360
ccgatcccaa	ctttgacagg	ttaatagctg	aatgccaaac	actaaaggaa	gaaagacagg	420
tggacccctt	gaatgaggat	gtcctcttgg	ccatggagga	catgggactg	gacaaagaac	480
agacactgca	gtcattaaga	tcagatgcct	atgatcacta	tagtgcaatc	tacagcctgc	540
tgtgtgatcg	acataagaga	cataaaaccc	tgcgtctcgg	agcacttcct	agcatgcccc	600

```

gagccctggg cctttcaagc accagtcaat atccaggcgg agcaggcagg tactgctatg 660
aacatcagcg ttccccaggt gcagctgatc aaccagaga accaaattgt g 711

```

```

<210> 1089
<211> 731
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (23)...(716)
<223> similar to gi5478530 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1089
gtgggaaagg tgaaaagaga aggggcagct gggacatggt gacaccaaga gagtagaagc 60
ccctagactc atcgagggtc ttagccacga agtgattgtg tctgcagcat gtgggcggaa 120
ccacaccttg gccttgacgg aaacgggctc cgtgtttgcg tttggggaaa acaagatggg 180
gcagctgggc cttggcaacc agacagacgc tgttcccagc cccgcgcaga taatgtacaa 240
cggccagcca attaccaaaa tggcctgtgg ggctgaattc agtatgataa tggactgcaa 300
aggaaacctc tattcctttg ggtgcccctg aatatggtca gctgggacac aactcagatg 360
ggaagtcatc cgcccgggca cagcggatag agtacgactg tgaactagtt ccccggcgag 420
tggccatctt cattgagaag acgaaagatg gacagattct gcctgtacca aacgtggttg 480
tacgagacgt ggccctgtggc gctaaccaca cgctggtcct ggactcccag aagcgagtct 540
tctcctgggg ctttggtggc tatggccggc tgggccacgc agagcagaag gatgagatgg 600
tccccgcctt ggtgaagctg tttgacttcc ctgggcgtgg ggcttcccag atctatgctg 660
gttacacctg ctcccttgct gtcagtgaag tgggtggtct gtttttctgg ggggccacgt 720
cgacgcggcc g 731

```

```

<210> 1090
<211> 1634
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (176)...(594)
<223> similar to gi3845203 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1090
atttcgtggc ttgccggggc gccccaggcg gctgggcacg caccccaaga aggagcccat 60
ggagggcgctg aacacggcgc agggcgcgcg cgacttcacg tacagcctgc actccacgga 120

```

gaggagctgc	ctgctcaaag	agctgcaccg	cttcgagtct	attgccattg	cccaagaaaa	180
attggaagct	ccaccaccca	ccccaggaca	gctgagatat	gtattcatcc	acaatgcgat	240
acctttcata	gggtttggct	tttttggata	atgcaattat	gattgttgct	ggaacccata	300
ttgaaatgtc	tattggaatt	attttgggaa	tttcaactat	ggcagctgct	gctttgggaa	360
atcttgtgtc	agatctagct	ggacttggac	ttgcaggcta	cgttgaagca	ttggcttcca	420
ggttaggcct	ggtcaattcc	tgatcgaca	ccaaagcaag	ttgacatgtg	gcaaacacgt	480
cttagtacac	atttgggcaa	agctgttggg	gtgactattg	gctgcattct	aggaatgttt	540
cctttaattt	tctttggagg	aggtgaagaa	gatgaaaaac	tggaaacgaa	aagttaatcc	600
tcttagaata	cctataaaaa	gatgtaaact	aatgtacctc	agtaattaaa	tatgctgtca	660
caacatttag	gaattaagac	agtaacagta	tagatatggg	atcaaataat	ttagcatgta	720
ttatggaaaa	cactaactta	ttgtggcttg	atcttcttag	gacatctttt	ttaaaaagct	780
gtttagtatc	attttgtgta	tattgttgaa	atgctttttc	atcaatagca	gtcaacattt	840
tatcctttct	ttttatattc	ataatgttat	ttaagtgtca	ttgatgtact	gtattgactt	900
ggggtttgct	tatttgttac	ttaacatgtg	tacatgcatg	aaagcatttt	tcgttgttcc	960
ctgatagtta	catttcaacc	ttgggatttt	tcccaaatta	cttaagatgt	ttaatgtcag	1020
ttaaagattt	ttttaccctc	tttttgggaa	catcaatttt	gtactgttat	gcagtaaaca	1080
tttataataa	tataatttca	gtcattttct	aactgtcaca	tctattgaaa	atggatatag	1140
atacaggttt	taagtatttt	aagtatatat	tacttatttt	aattttctga	ctttactatt	1200
ttaagggcca	gagggttaat	cacaaagagc	aattatgtgg	tctccctgct	acatgaaacc	1260
gtgtatacta	acaagcgtac	aatttttagt	tgattttttt	taacctttta	gtttcccagt	1320
tttgaataat	tacatggtgg	attctgactt	ttgaggggaa	gcaaatgatt	atttttagagt	1380
ctttgaaatg	gggattgtgg	aattagattg	aactaaggga	tttaacatga	tgcttggaaa	1440
ttaagagact	aaagcttttt	ttaaaaaaag	gtggaaaata	ggaactgtca	agaaggttta	1500
tggtataaat	gatgaagttg	aagtgatgtt	tgaaagatta	atgagataca	atttatatta	1560
tttggttaagg	tttttttttt	tccttccaaa	gaggccatct	tctcatctga	atggattaag	1620
tctgaatacc	ccat					1634

<210> 1091

<211> 873

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (20)...(520)

<223> similar to gi3929219 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1091

tttcgtggga	tggcgacgcc	tcggccctgc	gcggacgggc	cctgctgctc	gcatcccagc	60
gcggtgctcg	gcgtacagca	gacgctggag	gagatggact	tcgagagggg	aatctggctg	120
gcagccctga	atggagacct	gggccgagtg	aagcatttaa	tccagaaggc	cgaggaccca	180
agtcagcccg	actcggcccg	ctacactgcg	ctgcactatg	ccagccgcaa	tgggcactac	240
gctgtgtgcc	agttcctgct	ggaaagcgga	gctaagtgtg	atgccagac	ccacgggggt	300
gccactgctc	tgacccgagc	cagctactgc	gggcacactg	aaatcgcgcg	gctcctgcta	360
tcacatgggt	ccaaccccag	ggtggtggat	gacgacggca	tgaccagtct	gcataaggct	420
gctgagaggg	gtcacgggga	catctgctcc	ctcctcctgc	aacacagccc	agccctgaag	480
gccatccggg	accgaaaggc	acggctagca	tgtgacctgc	tgctttgcaa	cagtgacctg	540
cgggacctgc	tatccagctg	agccgccacc	ctatctccag	ctgcctttaa	agggtagaca	600
gaccagttct	ccaagcccct	gccttgggtca	gcatccatgc	tgctgggcag	ggaactgagg	660



ccagaccacc	caggaagagc	cccagtctgg	tcaactgtgga	agcgagggag	tagatttggt	720
gtggctaaaa	gtgtttaaga	ctggacagat	gatcatattc	taaattagtt	catatgagac	780
atctatztat	ttggaaaaaa	ataaagttat	atccttacct	catcccacac	ccaaagataa	840
attgcaagat	taaagrbcta	aataataaaa	cac			873

<210> 1092

<211> 483

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (14)...(468)

<223> similar to gi435776 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1092

aatagaacca	tttccagaag	aaagggagaa	ctttcttcag	caattgtaca	aatttatgga	60
agatagaggt	acaccctatt	aacaaacgac	ctgtacttgg	atatcgaaat	ttgaatctct	120
ttaagttatt	cagacttgta	cacaaacttg	gaggatttga	taatattgaa	agtggagctg	180
tttggaacaa	agtctaccaa	gatcttggaa	tccctgtctt	aaattcagct	gcaggataca	240
atgttaaatg	tgcttataaa	aaatacttat	atggttttga	ggagtactgt	agatcagcca	300
acattgaatt	tcagatggca	ttgccagaga	aagttgttaa	caagcaatgt	aaggagtgtg	360
aaaatgtaaa	agaaataaaa	gttaaggagg	aaaatgaaac	agagatcaaa	gaaataaaga	420
tgaggaggga	gaggaatata	ataccaagag	aagaaaagac	gaaatcgtcg	acccgggaat	480
tcc						483

<210> 1093

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (83)...(515)

<223> similar to gi29468 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1093

acgatttcgt	ctgaagtaca	cgcaatgcgc	agcgaggcct	cggtttttgc	cggcgcagcg	60
cgaggaggtg	tcgcggacga	aagtgataaa	atctggagaa	aaacagaaat	ctgaagctaa	120
agacagaaaa	gttctagaaa	tcttgcaagt	caaggatgcc	aaaatacaag	aatttgaaca	180
gagagagtca	gtactgaaac	aggaaataaa	tgaccttgta	aaacggaaaa	ttgcagtaga	240

tgaagaaaat	gcttttcttaa	ggaaagaatt	cagtgcacttg	gagaagaaaat	ttaaagataa	300
aagtcagaa	attaaggaca	ctaaggagt	tgtacagaac	aaagaagagc	aaaacagact	360
agttataaaa	aatctggagg	aggaaaacaa	gaaattaagt	acccgctgca	ctgacctgct	420
aaatgacctg	gagaaattga	ggaagcagga	agcacattga	gaaaagaaaa	atatagcact	480
gatgcaaaaa	taaagacctt	tgaagacaat	ttaattgaag	caaggaaaga	agttgaagta	540
tcacagagta	aatacaatgc	tctatcatta	cagttgagta	ataaacagac	tgaacttatt	600
cagaaggata	tggatattac	cctggtcagg	aaggaaactgc	aggagctgca	gaatctttac	660
aaacagaaca	gtacacatac	agcccagcaa	gcagagctga	tccagcagct	tcagggtctc	720
aatatggaca	cacaaaaagt	actgagaaat	caggaagatg	ttcacacagc	tgaaagtata	780
tcatatcaaa	aagtatgctt	ttatt				805

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<210> 1094
<211> 1260
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (138)...(334)
<223> similar to gi2224615 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1094						
attcccgggt	cgacgatttc	gtctcggggg	aacagcccgg	agccctgggc	ggcaggaggg	60
aagggccagg	agggcaggga	gaggggtgtg	gcggttctc	tgggcacccat	gtggctacag	120
gtgatggggg	ctggggggaa	aaagaccctt	gttcaccctc	tgctcctgtc	cccacaggac	180
atgcggaagc	acgtggccat	gaccctgctg	gacacagagc	agtcgtatgt	ggagtcgctg	240
cgcaccctga	tgcaggtggg	gtcgggggcc	cactcccctg	agaatggcct	ttctgagcct	300
aggaggctgt	cagatgggtg	tgagcaaacc	cctttcatgg	acaagggact	gaggccagag	360
agccgtgtcc	ctggcatccg	tcgcctttcc	atgaagaacc	cccagcatgg	ccattccaga	420
gaaggaggaa	ggcttctccc	gggcaagaga	gaatgcagag	gggccaggcc	accccagggc	480
aggcgccct	accctgctgt	tcttccacgt	ccccctggca	accctgaccc	tgaacttaga	540
tccgtgaact	ccctctgatg	tgccgcctcc	attgtattca	ctgactggga	agtatgagtt	600
gaatagagtt	cagtattgag	cacctgctgt	gtgcaggccc	tgttccagg	acaggagaca	660
caggaatgaa	taagagagcc	cagcccctgc	cacaggagct	caccgcccctg	ctgagtacgt	720
agtggagtat	acgggcactc	tagaaacatc	gagggggcacc	tgctaagcgt	ggggtcaggg	780
aggtttcctg	gaggaggtgc	tcaattccac	catgacctgt	cttctcaaca	gcaggaatag	840
cacattgcaa	agccaagtga	ggcctggcac	attcggaggt	ctacgtggcc	agcacagagc	900
acaacgcgct	ggtcccatag	ctatgctgtc	ggagtcggca	gaggccacgc	tgtggggggcc	960
tagaacacca	gttggaggca	gtagattctg	ccagggtccg	tggatgatca	gcgaagggct	1020
ttgagcaggg	gaggtgtgtg	gcctgattca	tgttcatga	agtctgtctg	acagctggga	1080
aggtgggtgg	cagaagagga	ggtcaaggcc	attgagatcc	ggcaaggata	gaggttacag	1140
gaaggggagt	ctgggggacag	acactcatga	agtggactgg	tcaggccagg	cgtggtaact	1200
ggttggttgt	ggggggcaag	gtgggggaagc	ccaagatgat	gtctgggctc	ctggccctcaa	1260

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<210> 1095
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<211> 594  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (111)...(577)  
<223> similar to gi3413924 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1095  
gcttgagctc gagcgacggc gctggcggag acgccggctg ctctctccct ccccgccgct 60  
tttcctaaaa ggattgtaca ccttagaagt gcttaaggaa gagtgatgaa gctctgaatc 120  
gtgtcctgca gcagattctg agtgccaccc aagatgaaga gagggacaag cttgcatagt 180  
aggcggggca agccagaggc cccaaaggga agtccccaaa tcaacaggaa gtctggtcag 240  
gagatgacag ctgttatgca gtcaggccga cccaggtctt catccacaac tgatgcacct 300  
accggctctg ctatgatgga aatagcttgt gctgctgctg ctgctgctgc tgcattgtcta 360  
ccaggagagg agggaaactgc ggagcggatc gaacggtttg aagtaagcag ccttgcccaa 420  
acatccagtg cagtggcctc cagtaccgat ggcagcatcc acacagactc tgtggatgga 480  
acaccagacc ctacgcgcac aaaggctgcc attgctcacc tgcagcagaa gatcctgaag 540  
ctcacagaac aaatcaagat tgcacaaaca gcccagacgaa atcgtcgacc cggg 594

<210> 1096  
<211> 1880  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (20)...(1861)  
<223> similar to gi3941737 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1096  
ccgggccgct atttcgtcca acatcgtgat agtaccceaag gacggtagcg gatgggcaaa 60  
caagcaggat cagcaagacc caaagagttc cagtgcgacg gcctctcagc cgccggagtc 120  
gctgccgcag ccgggtttgc agaaatctgt ctccaatttg cagaaaccga cacagtcaat 180  
cagtcaggag aatacaaat cagtgccagg tggaccaaaag tcatgggcac agctgaatgg 240  
aaagccagta ggacacgaag gtggtttaag gggctcaagc cgactgttat ccttctctcc 300  
cgaggaattt ccgacgctga aagcagctgg agggcaggac aaggctggca aagaaaaggg 360  
cgtcttagat ctgtcgtatg ggccaggacc aagcctccgc cctcagaatg tgacaagctg 420  
gagggagggc ggtgggcgac acataatttc tgccacgtct ctgagcacct ccccaactga 480  
gctgggcagc aggaactcga gtacgggaga tggagcccc tctcggcat gtaccagcga 540  
ttctaaggac ccctctctcc gcccggtca gcctgtccga aaaggggctt cacagttcat 600  
gggaaatgta taccaccac ctacatacca tgacatgctt cctgctttta tgtgttcgcc 660  
gaagtcacat gaaaaccagg gtacagtggg acgaggctct tttccccttc ctacgtccg 720  
ccttgaacct cgagtccctt ttagacagtt ccagatgaat gaccaagacg gaaaagaaaa 780

caggctggga	ttgtctcgcc	cactccgccc	actaaggcag	ctggtggagc	gggcaccacg	840
gcccaccatt	atcaatgcg	aaaacctgaa	gggccttgac	gatctggacg	ccgatgccga	900
tgatggctgg	gcaggcctcc	atgaagaagt	ggactattct	gagaaactga	agttcagtga	960
tgatgaagag	gaggaagaag	ttgtgaagga	cggcaggcca	aagtggaaca	gttgggaccc	1020
taggaggcag	cggcagttgt	caatgagctc	tgcagacagt	gcggacgcta	agcggactcg	1080
agaggaaagg	aaggactggg	ctgaagcagt	gggtgctgcc	cgtgtgggtcc	gaaaggcgcc	1140
agaccctcag	ccaccgccc	ggaagcttca	tggctgggca	ccaggccctg	actaccagaa	1200
gtcatcaatg	ggcagcatgt	tccggcaaca	gtccatcgag	gacaaggagg	acaagccccc	1260
accaaggcag	aagttcattc	agtcagagat	gtccgaggcg	gtggagcgag	cccgaagcg	1320
ccgggaagaa	gaggagcgcc	gagcccgga	ggagaggctg	gccgcctgtg	ctgccaaaact	1380
caagcagctg	gaccagaagt	gtaagcaggc	acgaaaggca	ggtgaggccc	ggaagcaggc	1440
agagaaggaa	gtgccctggg	ctccaagtgc	tgagaaggca	tctccccagg	aaaacggccc	1500
tgctgtccac	aaaggctccc	cagaattccc	tgcccaagag	acccccacca	cattcccaga	1560
agaggcaccc	acagtgctcc	cagcagtggc	acagagcaac	agcagtgagg	aagaggccag	1620
agaggctggg	tcccctgcac	aggagttcaa	gtatcagaag	tcccttcctc	cccgattcca	1680
gcgccagcag	cagcaacaac	agcaggagca	gctgtacaag	atgcagcact	ggcagccggt	1740
gtaccccccg	ccgtcccaac	cccagcggca	cttttaccca	caccaccccc	agatgttggg	1800
cttcgatccc	aaggggatga	tgaagccttt	cttcatgggg	ccccgcgatt	atcccccttt	1860
tgggccccgg	ggggattttt					1880

<210> 1097

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (7)...(752)

<223> similar to gi5689455 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1097

gaattccccg	gtcgacgatt	tcgtggcagc	aggagcctgg	gactcgggag	cgggacccgg	60
acaaagccac	ccgcttccgg	atggaggagc	tgagactgac	cagcaccacg	tttgcgctga	120
cgggagactc	agcacacaac	caagtcattg	tccactgggtc	tggccacaac	agcagcgtga	180
ttctcatttt	gacaaagctc	tatgactata	acctggggag	catcacagag	agctcgcttt	240
ggaggtcaac	cgattatgga	acaacctatg	agaagctgaa	tgataaagtt	ggtttgaaaa	300
ccattttgag	ctatctctat	gtgtgtccta	ccaacaagcg	taagataatg	ttactcacag	360
accgggagat	tgagagcaag	ttattgatca	gctcagatga	aggggcaact	tatcaaaagt	420
accgggtgaa	cttctacatt	caaagcttgc	tttttcaccc	caaacaagaa	gactggattc	480
tggcatatag	tcaagaccaa	aagttatata	gctctgctga	atttgggaga	agatggcagc	540
ttatccaaga	aggggttgta	ccaaacagg	tctactgggtc	tgtgatgggg	tcaaataaag	600
aaccagacct	tgtgcatctt	gaggccagaa	ctgtggatgg	tcattcacat	tatctaactt	660
gccgaatgca	gaactgtaca	gaggccaaca	ggaatcagcc	ttttccaggc	tacattgacc	720
cagactcttt	gattgttcag	gatcattat				749

<210> 1098  
 <211> 797  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(800)  
 <223> similar to gi3347953 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1098  
 agtaaataca gtagttcctt cctggattct ggttggagag atctgttcag tgcctcggag 60  
 ccaccagtgt cagagcaact ggacgtggca gggcgggtga tgcagtacgt caacggggca 120  
 gccacgacac accagcttcc cgtggccgaa gccatgctga cttgccggca taagttccct 180  
 gatgaagact cctatcagaa gtttattccc ttcatgtggc tgggtggaggt gggctctggtt 240  
 gaagactctc cctccacagc aggcgatggg gacgattctc ctgtggtcag ccttactgtg 300  
 ccctccacat caccaccctc cagctcgggc ctgagccgag acgccacggc caccctctcc 360  
 tcctcccat ctatgagcag cgccctggcc atcgtgggga gccctaatag cccatatggg 420  
 gacgtgattg gcctccaggt ggactactgg ctgggccacc ccggggagcg gaggagggaa 480  
 ggcgacaaga gggacgccag ctggaagaac accctcaaga gtgtcttccg ctcagtgcag 540  
 gtgtcccgcc tgcccatag tggggaggcc cagctttctg gcacccatggc catgactgtg 600  
 gtcaccaaag aaaagaacaa gaaagttccc accatcttcc tgagcaagaa accccgagaa 660  
 aaggagggtg attctaagag ccaggtcatt gaaggcatca gccgccttca tctgcttcag 720  
 ccaagcagca gcagactatg ctgagagtgt ccatccgatg gggggtcgat tggagtgcag 780  
 tcaagttctt ccagttg 797

<210> 1099  
 <211> 502  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (166)...(421)  
 <223> similar to gil814270 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1099  
 tcccgcgtcg acgatttcgt ggcctgtgga gccagtcctc aggcaacagt gtccccagag 60  
 cccagtggtt ggctgggttg ggtctggggc actcccaggg agctcccaa ggtccgcacg 120  
 atgggaagac tgacaggtcc tcaggaccag gccgcagacg gacagagagg accaggctcc 180  
 ctgggctcct ggggtggggc ccgctgactg ctggctctcc ccacaggtgg aacgtcctgg 240  
 ggctgcaggg cgcgctcctg tcccacttcg tggagcccgt gtacctgcag agcatcgtgg 300  
 tgggcagcct gcaccacagc ggccacctcg cacgcgtcat gagccaccgc atggaggggtg 360  
 tcggccagct gccgcctcc taccggcaca accggcctct cctcagcgcg gtgtctgaag 420  
 gagttctgaa aacagaatca ctagtgttg gctcaccaa gaggcccca cctgccacct 480

<210> 1100  
 <211> 415  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (26)...(414)  
 <223> similar to gi854065 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1100  
 agtgtggtgg aattctacac atagatgtgt gtgtatatat atacacatag atgtgtgtgt 60  
 atgttatata tacgcataga tgtgtgtgta tattatatat acacatagat gtgtgtgtat 120  
 attatatata cacatagatg tgtgtgtata ttatatatac gcatagatgt gtgtgtatat 180  
 tgtatataca catagatgtg tgtgtgtggt atatatacac atagatgtgt gtgtgtgtta 240  
 tatatacaca tagatgtgtg tgtatattat atatacacat agatgtgtgt gtatgtttata 300  
 tgtacgcata gatgtgtgtg tatgttatgt atacgcatag atgtgtgtgt atattatgtg 360  
 tacacataga tgtgtgtgta tattatatat acgcatagat gtgtgtgtat gttat 415

<210> 1101  
 <211> 2462  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2463)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (7)...(2463)  
 <223> similar to gi5524667 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1101  
 cccacgcgtc cgagagtcag agatctacag gatccccgc cccaaatggc cccggagatc 60  
 cagcctccat cccaccactt ctcccccgag cagcggggccc tgctctacga ggacacactc 120  
 tacactgtct tgcaccgcct gggtcatacct gagcccaacc atgtgacgga ggcctctgag 180  
 ctgctgcgat acctgcagga ggccttcac gtggagcctg aggagcacca gcagacactg 240

cagcgggtca	gggagcttga	gaagccaata	ttttgtctga	aggcaacagt	gaaacaggcc	300
aagggcattc	tgggcaaaga	tgtcagtggg	ttcagcgacc	cctactgcct	gctgggcatt	360
gagcaggggg	taggtgtgcc	agggggcagc	cccgggtccc	ggcatcggca	gaaggctgtg	420
gtgaggcaca	ccatccccga	ggaggagacc	caccgcacgc	aggtcatcac	ccagacactc	480
aacccccgtc	gggacgagac	cttcatcctg	gagtttgagg	acatcaccaa	tgcgagcttt	540
catctggaca	tgtgggacct	ggacactgtg	gagtctgtcc	gacagaagct	tggggagctc	600
acggatctgc	atgggcttcg	caggatcttt	aaagaggccc	ggaaggacaa	aggccaggac	660
gactttctgg	ggaacgtggt	tctgaggctg	caggacctgc	gctgccgaga	ggaccagtgg	720
tacccccctg	aacccccgcac	tgagacctac	ccagaccgag	gccagtgcc	cctccagttc	780
caactcatcc	ataagcggag	agccacttcg	gccagccgct	cgcagcccag	ctacaccgtg	840
cacctccacc	tcctgcagca	gcttgtgtcc	cacgaggtca	cccagcacga	ggcgggaagc	900
acctcctggg	acgggtcgct	gagtccccag	gctgccaccg	tcctctttct	gcacgccaca	960
cagaaggacc	tatccgactt	ccaccagtcc	atggcgcagt	ggctggccta	cagccgcctc	1020
taccagagcc	tggagtcccc	cagcagctgc	ctcctgcacc	ccatcaccag	catcgagtac	1080
cagtggatcc	aggggtcggct	caaggcagaa	cagcaggagg	agctggccgc	ctcattcagc	1140
tccttctgta	cctacggcct	ctccctcatc	cggaggttcc	gctctgtctt	ccccctctct	1200
gtctcggact	ccccagcccc	gctgcagtct	cttctcaggg	tcctgggtaca	gatgtgcaag	1260
atgaaggcct	ttggagaact	gtgccccaac	accgccccat	tgccccagct	ggtgactgag	1320
gccctgcaga	ctggcaccac	tgaatggttc	cacctgaagc	agcagcacca	tcaacccatg	1380
gtgcagggca	tcccggaggc	aggcaaggcc	ttgtctggcc	tggtagagga	tgctattggc	1440
gacctgcacc	agtgccagcg	cacatgggac	aagatcttcc	acaagtgagc	agatagccag	1500
tacctcaag	atccacctct	tctccatggc	tttccgggag	ctgcagtggc	tggtagccaa	1560
gcgggtgcag	gaccacacga	cggttgtggg	tgatgtagtg	tccccagaga	tgggagagag	1620
tctgttccag	ctctacatca	gcctcaagga	gctctgccag	ctgcgcatga	gctcctcaga	1680
gagggatgga	gtcctggccc	tggataattt	ccaccgctgg	ttccagccgg	ccatccccctc	1740
ctggctgcag	aagacgtaca	acgaggccct	ggcgcggttg	cagcgcgctg	tgcatatgga	1800
tgagctggtg	cccctgggtg	aactgaccaa	gcacagcaca	tcagcggttg	atctatccac	1860
ctgctttgcc	cagatcagcc	acactgcccg	gcagctggac	tggccagacc	cagaggaggc	1920
cttcatgatt	accgtcaagt	ttgtggagga	cacctgtcgc	ctggcccttg	tgtactgcag	1980
ccttataaag	gcccggggcc	gcgagctctc	ttcaggccag	aaggaccaag	gccaggcagc	2040
caacatgctg	tgtgtggtgg	tgaatgacat	ggagcagctg	cggctggtga	ttcggcaagt	2100
tgcccgccca	gctggcatgg	gaggccctgg	agcagcgggt	aggggcccgtg	ctggagcagg	2160
ggcagctgca	gaacacgctg	catgcccagc	tgccngagcg	cgtggccggg	gctgggccat	2220
gagattccgc	actgggtgtc	cgcaccctgg	ccgagccagt	tggaggtggg	catcgccaag	2280
cacatccaga	aactggtggg	cgtcaggagg	tctgtcctgc	ctgaggatgc	cattctgccc	2340
ctgatgaagt	tcctggagg	ggagctttgc	tacatgaaca	ccaacttgg	gcaggagaac	2400
ttcagcagcc	tcctgaccct	gctctggacc	cacacactca	cagtgtctgt	ggaggcggcc	2460
gc						2462

<210> 1102

<211> 1609

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1610)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (13)...(1609)

<223> similar to gi3170180 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1102  
cgaagttatg gccttcctta taaggaaaag gggtaggattg gaggaatcgc caattgaagt 60  
ttcgaaggat cgcttttagct gaatatcaga gaaccttggtg aagatcttaa agagcaacta 120  
aagcataaag aattttcttct ggctgctaata acttgtaacc gtgttggtgg tctttgtttg 180  
aaatgtgctc agcatgaagc tgttctttcc caaacccata ctaatgttca tatgcagacc 240  
atcgaaaagac tggtaaaga aagagatgac ttgatgtctg cactagtttc cgtaaggagc 300  
agcttggcag atacgcagca aagagaagca agtgcttatg aacaggtgaa acaagttttg 360  
caaatatctg aggaagccaa ttttgaaaaa accaaggctt taatccagtg tgaccagttg 420  
aggaaggagc tggagaggca ggcggagcga cttgaaaaag aacttgcatc tcagcaagag 480  
aaaagggccca ttgagaaaaga catgatgaaa aaggaaaataa cgaaagaaaag ggagtacatg 540  
ggatcaaaga tgttgatctt gtctcagaat attgcccaac tggaggccca ggtggaaaag 600  
gttacaagg aaaagatttc agctattaat caactggagg aaattcagag ccagctggct 660  
tctcgggaaa tggatgtcac aaagggtgtg ggagaaatgc gctatcagct gaataaaacc 720  
aacatggaga aggatgaggc agaaaaggag cacagagagt tcagagcaaa aactaacagg 780  
gatcttgaaa ttaaagatca ggaaatagag aaattgagaa tagaactgga tgaaagcaaa 840  
caacacttgg aacaggagca gcagaaggca gccctggcca gagaggagtg cctgagacta 900  
acagaactgc tgggcgaatc tgagcaccaa ctgcacctca ccagacagga aaaagatagc 960  
attcagcaga gcttttagcaa ggaagcaaaag gcccaagccc ttcaggccca gcaaagagag 1020  
caggagctga cacagaagat acagcaaatg gagggccagc atgacaaaac tgaaaatgaa 1080  
cagtatttgt tgctgacctc ccagaataca tttttgacaa agttaaaggga agaattgctgt 1140  
acattagcca agaaactgga acaaatctct caaaaaacca gatctgaaat agctcaactc 1200  
agtcaagaaa aaagggtatac atatgataaa ttgggaaaag tacagagaag aaatgaagaa 1260  
ttggaggaac agtgtgtcca gcatgggagg agtacatgag acgatgaagc aaaggctaag 1320  
gcaggtggat aagcacaggc aggccacagc ccaggaggtg gtgcaggtcc ccagaagcag 1380  
gaccngcttc ttcnnggaga gggagggnct gtcggaagag gtgggnccgn cttgggggncc 1440  
nngttaccca gnatncncaa tcttttttgg ttgacccggt tggacagggg ggacttnant 1500  
gttttncaaa ggnngntttt cattccanct tgttttngct taatttngcn caacgnaccc 1560  
acggcctncc cgggnntgaaa cccccnccc tgaggggggg ttntcccc 1609

<210> 1103  
<211> 1129  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1130)  
<223> n = a,t,c or g  
  
<220>  
<221> misc\_feature  
<222> (376)...(1132)  
<223> similar to gi4028135 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters







aaatagacat	gtgacccaaa	ggaacagaat	agagagccca	gaagtaaadc	catgcactta	660
cgttcaattg	gtttttgaca	gaggtgccaa	gaacacacag	taagggaagg	gcagccttca	720
ataaattgta	tttgaaaaat	gatatatcca	catgcagagg	actgaaattc	catccgaagt	780
ccacgc						786

<210> 1107

<211> 4975

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(4975)

<223> similar to gi5689519 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1107

aaggcatcca	ggatgcggtg	cggggcgggc	cgggtgcccc	ccgccccgtc	acggcagccg	60
cggcgccga	ggggaccggg	ccagggccgg	gggcgggcgg	ccgagcccg	gtagcggcgg	120
cggcgggagg	ggcggcctga	gggcggaagg	ggggcgcccc	gggttgcggg	ggctcggtgc	180
cgctccgcac	tgcccggccg	gtctcgggcc	cggcgccatg	agtggcgggc	gcgggcgagg	240
gggctcgggc	cccagtcgct	tcgcccacta	ctttgtcatc	tgcggaactg	acacggagac	300
cgggctggag	ccggacgagc	tgctggcatt	atgccagtac	atacaggctt	ctaaagccag	360
ggatggtgcc	agccctttca	tttcaagtac	gactgaagga	gaaaattttg	agcagacacc	420
attgagaaga	acattcaaat	ctaaggctct	tgacgatata	cctgagaacg	tagaatggaa	480
tccctttgac	caagatgcag	taggaatgct	atgtatgccg	aaagggctgg	cattcaagac	540
ccaggctgat	cccagggagc	cccaattcca	tgccctttatt	atcacaaggg	aggatggctc	600
tcggacattt	gggtttgccc	tcacatttta	tgaagagggtg	actagcaagc	agatctgcag	660
tgcaatgcag	accctctacc	acatgcacaa	tgctgagtat	gatgtcctac	atgctcccc	720
tgctgatgac	agagaccaga	gcagcatgga	ggatggtgaa	gacactcctg	tgaccaaact	780
gcagcgcttc	aactcctatg	acattagccg	ggacactctc	tacgtctcta	agtgcactctg	840
cctcatcaca	cccatgtctt	tcatgaaggc	atgtcggagc	gtgctggagc	aactccacca	900
ggcagtcact	tcacctcagc	cccctccact	gccccttgag	agctacatat	acaacgtact	960
ctacgagggtg	ccgctccccc	ctcctggccg	gtccttgaag	ttttctgggg	tctatggggc	1020
aataatctgc	cagagaccaa	gtaccaatga	gcttcccccta	tttgactttc	ctgtcaaaga	1080
ggtttttgaa	ctgctcgggg	tggagaatgt	gtttcagctt	tttactttgtg	cccttctgga	1140
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tctcctgcat	ttcttagatg	ctcctgttcc	atacctgatg	ggtttgcat	ccaatggcct	1320
ggatgaccgg	tcaaagctgg	agctgcctca	agaggctaac	ctctgctttg	tggacattga	1380
caaccacttc	attgagttgc	cagaggactt	gccacagttc	cccaacaaat	tggagtttgt	1440
ccagggaagc	tctgagattc	tctggcatt	tggaaattccc	cctgaaggga	atcttcattg	1500
cagtgcagagt	gcctccaagc	tgaagaggct	gcgggcctct	gagcttgtct	cggacaagag	1560
gaatgggaac	attgctggct	cccctttgca	ttcctacgag	cttcttaagg	agaatgaaac	1620
tattgcccgg	ctgcaagcct	tggatcaagag	aactgggggtg	agcctggaaa	agttggaagt	1680
gcgtgaagac	cccagcagca	ataaggatct	caaagttcag	tgtgatgaag	aagaactcag	1740
gatttaccag	ctaaacattc	agatccggga	agtttttgca	aatcgtttca	ctcagatgtt	1800
tgacagattat	gaggtgtttg	tcatccaacc	cagccaggat	aagggaatcct	ggttttacca	1860
cagggagcaa	atgcaaaact	ttgataaagc	atcttttctg	tcagatcagc	ctgagcccta	1920
cctgccccttc	ctctcaagat	tcctggagac	ccagatgttt	gcattctttca	ttgacaacaa	1980

aataatgtgt	catgatgatg	atgataaaga	ccctgtactc	cgggtatattg	attccccgagt	2040
tgacaagatc	aggctgttga	atgttcggac	acctactctc	cgtacatcca	tgtaccagaa	2100
gtgtaccact	gtggatgaag	cagagaaagc	aattgagctg	cgtctggcaa	aaattgacca	2160
tactgcaatt	caccacacatt	tacttgacat	gaagattgga	caagggaat	atgagccggg	2220
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gaaaaggaat	gcccctgccc	agtggaggcg	gaaaagatcgg	cagaagcagc	acacagaaca	2340
cctgcgttta	gataatgacc	agagggagaa	gtacatccag	gaagccagga	ctatgggcag	2400
cactatccgc	cagcccaaac	tgtccaacct	ctctccatca	gtgattgccc	agaccaattg	2460
gaagtttgta	gagggcctgc	tgaaggaatg	ccgcaataag	accaagagga	tgctggtgga	2520
aaagatgggc	cgagaagctg	tggagctagg	gcatggggag	gtgaacatca	caggggtgga	2580
agagaacacc	ctgattgcca	gcctttgtga	tctcctggaa	aggatctgga	gtcatggact	2640
acaagtgaat	caggggaaat	cagccttatg	gtcccacctg	ttacattatc	aggacaaccg	2700
cgagagaaaa	ctcacatcag	gaagcctcag	tacctcagga	atacttcttg	attcagaacg	2760
taggaagtct	gatgccagct	cactcatgcc	tcccctgagg	atctccctga	ttcaggatat	2820
gaggcacatc	cagaacatcg	gggaaatcaa	gactgatgtg	ggaaaaggcca	gagcatgggt	2880
gcgactgtcc	atggaaaaaa	agttactttc	cagacacctg	aagcagctcc	tctcagacca	2940
tgagctcacc	aaaaagttat	ataagcgcta	tgcttctctg	cgctgtgatg	acgagaagga	3000
gcagttcctc	tatcacctcc	tgtctttcaa	tgccgtcgat	tacttttgct	tcaccaatgt	3060
cttcacaact	atcctgatcc	cgtaccacat	tctgatcgta	ccaagcaaga	agctgggggg	3120
ctccatgttc	actgccaacc	catggatctg	tatatcagga	gaattgggtg	agacacagat	3180
catgcagatt	cccaggaatg	tgctagagat	gaccttcgag	tgccagaact	tggggaagct	3240
tactactgtc	cagattggcc	atgataactc	tgggctgtat	gccaaatggc	tgggtggagta	3300
tgtgatggtc	aggaatgaga	tcacaggaca	tacctacaag	ttcccgtgtg	gccgggtggtt	3360
agggaaagggc	atggatgatg	gaagcctgga	gcggatccta	gttggggagc	tgctcacatc	3420
ccagcctgag	gtggatgaga	ggccatgccg	gaccccgcgg	ctgcagcagt	cccccagtgt	3480
catccggagg	cttggtacca	tctcacccaa	caacaagccc	aagctgaaca	ctgggcagat	3540
ccaggagtc	atcggggagg	cagtcaatgg	cattgtgaag	cacttccata	agcctgagaa	3600
agagcgaggc	agtctgacgc	tgttgctctg	tggagagtgt	ggccttgtct	cggccttgga	3660
acaggctttc	cagcatggat	ttaaatcgcc	ccggctcttc	aaaaatgtct	tcatttgggga	3720
tttcttgga	aaagcacaaa	cctattatga	gacattagag	agaatgaag	tagtccctga	3780
ggaaaactgg	catacaagag	cccggaactt	ctgcccattt	gtcactgcaa	tcaacaatac	3840
tccccggaac	atcggaagag	atggcaagtt	tcagatgctg	gtgtgcttgg	gagccagaga	3900
tcacctccta	caccactgga	ttgccctgct	ggctgactgc	cccatcactg	cacacatgta	3960
tgaggatgtg	gcactgatca	aagaccatac	acttgtcaat	tccttgattc	gtgtgctgca	4020
gacattgcag	ggagtttcaa	catcacgctg	ggaggacgtc	cctttgtcaa	ggggcattcg	4080
gacatcttga	cctcccagca	ccagcccggc	agcagggatt	gaggaaaagac	tcaccctggc	4140
agctctgacc	tttttttccc	aaaggggact	taaggcgatt	gtgcaggagt	aggagacaaa	4200
atgttacact	cactgtaaaa	agaaaactag	gaggattttt	gggaataaat	aatctatttt	4260
agagtttatt	tgctgatttg	ctttttacac	actttcatgt	gaaagagtga	tagggagagg	4320
gagcgaggct	ggtgccgctt	attttgaagc	tgggtccctc	cctcgccgtg	gccacatgct	4380
ggaagcctga	ggcctccctg	gactgagcct	gtggcactgc	gtgcgggaca	gttatgtttc	4440
cttgccccgt	cgcattaatg	aggcccttcc	acatcatttt	taaactaatg	tttttctata	4500
ttaacattat	tatggatatt	tggctttcat	aggccacaca	caggtggtct	gccgcgggaa	4560
gcccccaggc	ccccaatcaa	agggattttt	tagtagtgcc	ctcctaagca	agcaccgaat	4620
gagtcagtc	ccacgtattt	tccttttttg	tccagtattg	tttgggaagg	agacatgcc	4680
gggatgtgtc	catccgtgct	caaataccca	catttccctg	ttggccacag	tttccacaga	4740
agtaaacata	agcatgtttt	aacagggttt	tccttttctt	ttttcttttt	taaaatgttt	4800
tattttattta	acccgccatt	gtgtgttttt	aagtattttc	tttttttaag	ggaaaggaaa	4860
agcttgtcac	aatctaactg	gctatgttat	tattattaaa	tttatgtttt	gcaacttaga	4920
aaccagctac	agtatggccc	acttaataaa	acacctcaaa	caaaaaaaaa	aaaaa	4975

<210> 1108

<211> 839

094837203100

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(840)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (1)...(839)  
<223> similar to gil398903 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1108  
aagaatgtct ggaagagatg gaagaaaagg ttttttgtat tgggtgcaggt cattcagtac 60  
acgtttgcca tgtgcagtta tcgggagaag aaagcggagc ctcaggaact tctacaattg 120  
gatggctaca ctgtggatta caccgacccc cagccagggt tggaggggtg ccgagccttc 180  
ttcaatgctg tcaaggaggg agacaccgtg atatttgcca gtgacgatga acaagaccgc 240  
atcctgtggg tccaggccat gtatcgggcc acggggcagt cacacaagcc tgtgcccccg 300  
acccaagtcc agaaactcaa cgccaaggga ggaaatgtac ctcagctgga tgcccctatc 360  
tctcaatttt acgcagatag agctcaaaaa catggcatgg atgaatttat ctcttccaac 420  
ccctgtaact ttgaccacgc ttccctcttt gagatggtag aacgccttac tttggatcac 480  
agacttaatg attcctattc ttgcctgggc tggttcagtc ctggccagggt gtttgtacta 540  
gacgagtatt gcgcccgaag tggagtccgg ggggtgtacc gacatctctg ctacctcaga 600  
gacttgcttg aacgggcaga aaatggcgcc atgatcgacc ccacccttnt tctactacagc 660  
tttgccctct gtgcatccca tgtccatggg aacaggcctg atggaattgg gaactgttga 720  
ctgttgaaga aaaggaacgt tttttgaagg aaatcaaaag aggaggnttc cgnagttctg 780  
ctaagaaaaa tcagggttaca acattttagg naattgcttt tcccatttgg gtcgaacct 839

<210> 1109  
<211> 1678  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (2)...(1376)  
<223> similar to gi3979985 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1109  
caagcagctg atcgtgctgg gaaacaaagt ggacctcctg ccccaggatg ctcttggtta 60  
ccggcagagg ctgcgggagc gactgtggga ggactgtgcc cgcgcccggc tcctgctggc 120  
ccctggccac caagggccac agcgcctcgt caaggacgag ccacaggacg gggagaatcc 180  
gaatccgccg aactggtccc gcacagtggg cagggacgtg cggctgatca gcgccaagac 240  
cggctatgga gtggaagagt tgatctctgc ccttcagcgc tcctggcgct accgtgggga 300

```

cgtctactta gtgggcgcc ccaacgccgg caaatccact ctctttaaca cgctcctgga 360
gtccgattac tgactgccca agggctccga ggccatcgac agagccacca tctccccttg 420
gccaggact acattaaacc ttctgaagtt tcctatttgc aacccaactc cttacagaat 480
gtttaaaagg catcaaagac ttaaaaaaga ttcaactcaa gctgaagaag atcttagtga 540
gcaagaacaa aatcagctta atgtcctcaa aaagcatggt tatgtcgtag gaagagttgg 600
aaggacattc ttgtattcag aagaacagaa ggataacatt ccctttgagt ttgatgctga 660
ttcacttgcc tttgacatgg aaaatgaccc tggttatggg acacacaaat ccaccaaaaca 720
agtagaattg actgcacaag atgtgaaaga tgcccactgg ttttatgaca cccctggaat 780
tacaaaagaa aattgtattt taaatcttct aacagaaaaa gaagtaaata ttgttttgcc 840
aacacagtc attgttccaa gaacttttgt gcttaaacca ggaatgggtc tgtttttggg 900
tgctataggc cgcatagatt tcctgcaggg aaatcagtca gcttggttta cagtcgtggc 960
ttccaacatc ctccctgtgc atatcacctc cttggacagg gcagacgctc tgtatcagaa 1020
gcatgcaggt catacgttac tccagattcc aatgggtgga aaagaacgaa tggcaggatt 1080
tcctcctctt gttgctgaag acattatggt aaaagaagga ctgggggcat ctgaagcagt 1140
ggccgacatc aagttttcct ctgcaggttg ggtttcagta acacctaatt ttaaggacag 1200
actgcatctc cgaggctata cacctgaagg aacagttttg accgtccggc cccctctctt 1260
gccatatatt gttaacatca aaggacagcg catcaagaaa agtgtggcct ataaaaacca 1320
gaagcctcct tcccttatgt acaacgtgag gaagaagaaa ggaaagataa atgtatgaga 1380
ccgaccttgt tcaactcaga tattaactgt attgaacaca acaaaaataca ttgaatttgt 1440
attaaacata taacgcataa ataaagctcc cattcttacc cttaaaaaata aaaggagaat 1500
gaaaaaaaaa gatgccaata ggcatatacg tggttttggg tattccgggg tcttcccgtg 1560
gtctgttcac tttgcggtgg tggatgataa ttaggcagtc ggggcgcctg atgtacgcct 1620
tcttatagag gtacatggtt ggatgcagcg tcttgacgtg ggattcgctt tattcgcc 1678

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```

<210> 1110
<211> 2532
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2533)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (2511)...(0)
<223> similar to gi5441937 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 1110
ttatattaat gaattagatt taagttccct cattatgaga agataatctt tagcatcact 60
gaaagagtta agaaatgaga caaaaatcag atcatattcc tttattacat atagtgaata 120
taaaaacaaa ttaacaaagc aatatatata tatatttgca agtccacagg acttcagaga 180
aaaaaagggt ctgtatgtga aattattcat atggcactgt gttcatgttt tgtatattca 240
agtacaaaag aaactatgta tagtggttat gcgtgggtac agaagatgaa taataatgaa 300
aaactgtgat tttttgacta tcacatacat tgtgttaaaa aacaggtaaa tataatgact 360
attactgtta agaaagacaa ggaggaaaac tgtttcaatg ttcagggtta aataactaagc 420
acaaaaatat aacaaattct gtgtctacaa taatttttga agtgtataca agtgcattgc 480
aaatgagctc tttaaaattt aaagtccatt tccccttag ccaagcatat gtctacattt 540

```

atgatttctt	tctcttattt	taaagtctct	tctggtttag	ttttttaaaa	agtttcatca	600
tggctgtcat	cttggaatct	agcctccagc	tcaaagctga	gacttcacgc	atacatattc	660
tcctttctgg	ttgcatcttc	acctagtttc	tccaagtatt	cagagttaaa	tagcacaact	720
tcttttatat	ggtcactttt	gtccacatgt	agtggcagtg	ctgctgcttc	agtaggcttt	780
ctcacacacc	cttttccttc	tttcaacagc	agtcaccaaa	cgttcacaac	acaagtggta	840
ggtagtaaag	tgctttatac	aaggaaatac	tatatacaca	tggagagggt	ccattttaaca	900
cctacagacc	aaagttcatg	cgtaacacac	aagagaaggc	tctttaaaaca	aacacctttt	960
ctgatagtag	ggttagggat	tccttaaaac	gtcattcatt	actttaagta	gcacaaaacg	1020
taagtaacat	cgctgaagct	ggaaggcgct	cttgtttagag	gtactgccct	taatggatta	1080
ctgctaaatg	tcatgctgct	attaaaatat	tcttaatagt	taagaatttc	agaatcagtc	1140
ccatagaaaa	cagatatcag	tgtaggggtt	ttcatttctc	ttcatgaaat	aaaactgtat	1200
ttaaacaatg	gtccagaaga	gataaaattag	ataagacca	tgcatcaaaa	catttctata	1260
tgttttggca	cttttaaaaa	ttccagtttc	ctgtctgagg	tcttcttgct	ctaaagtttg	1320
tgttttgtac	atagacaagt	gccattatgt	gctatccatc	ttaatgctac	ttgcaacttc	1380
tttttaaaat	atccatgact	tttcttccaa	gagaagggtt	ccagtgcctg	acaaagcttt	1440
tcatattcac	aattagtttg	cctgttctta	tatcctcatg	tcctgctaca	aggtattcca	1500
aaccaggatt	gaggattgga	caagtgcac	ctctgtccgt	ccatgattct	ggatataatg	1560
ttcgctttcc	tcggaaaatc	ttcagtttgg	tagattttta	gaccttttta	atcttcacat	1620
tgacctcaac	atgagtacct	ttatcatgag	ctgataaaat	ctttattttt	agcacatatg	1680
aatattttcat	tccacagaat	gccttggtcat	ttcctaattg	ctgttcctta	cattcgcat	1740
ttcctgagtg	tagaagtgca	gaaaaccct	gcgcacctc	ccactcccag	gctgggtcgc	1800
tcttattgtg	cacgggacgg	aagtcaggaa	cttcatgata	ccagtctatg	tctgtgtggc	1860
tgctgatgca	gtctccggtg	atagggtcac	agctccccgc	acagtcacat	ggtcgacagc	1920
catagtctcc	gaagccccag	tatcccacca	tgacactgtc	acaacgtcgc	cctgccaccc	1980
caggcttgca	agggcagtc	ccattgctgg	ggtcgcagaa	ggtcactgag	ttggcaggaa	2040
ggacagctga	tcctactgga	tggcaggaac	acggtttgca	agcatctgga	gctgagaagg	2100
gtctccgcag	gtcacgatag	aagcctggct	tgacacctctg	gcaataactgt	ccttctgtgt	2160
tgtgctgaca	gtcatcacag	acaccaccac	tacgattccc	tgatgcctcc	cacacattaa	2220
cgtcgaagtg	acaggtatca	gcatgcccat	tacacttgca	ggttctgcac	tcgttgggag	2280
cccccgttt	gccatcagct	gcctcccat	gccggctcatt	gtataacggg	gcacagtgtc	2340
ggcagtggtc	gcctgctgtg	ttgtgcttac	acatacactt	cccattggacc	atgtggaatg	2400
ttcctggggc	cttgacaggt	ctgaagccat	gaacaggtat	gcattgatca	gcgtgaacat	2460
tgcaagaagca	gctgcccttg	acaatgaaat	catagattgc	atagtgtgta	aaaccgctnn	2520
cgccgtcgaa	gg					2532

<210> 1111  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (123)...(477)  
 <223> similar to gi3342234 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1111						
atagtcgctg	gactcgagca	tctggctggg	ctcttacctc	atagaccttc	aaggacagag	60
accccgaggc	ctggacctga	tgccacccca	ggccaaagcc	agagtgggag	acccattggt	120
caggctcagc	aggggtggaa	caggcagagg	gacaagaggg	gaatggagaa	gtggagagga	180

aaaggaatcg	agggacagga	agggggagggc	tctaggaagg	ttctgggttg	ggggtcagtg	240
catctcaggg	agaaccaagg	aaggtgggca	tggctggaga	ggaggaaaag	gaaggagccc	300
caggtgtcag	ggcagtaggc	tgggagtcag	tgtggcaaag	cgggggcagg	acacagatac	360
agtggcaggg	gcccagggct	gggacatgag	agaaggcagc	gaggcggcag	agggagaaga	420
gaggactcag	gtggaggtgg	ggtgggtcag	ctgtcagcat	ccctcagagg	agaaatgtgg	480
agagctggag	gccagcagtc	actcacactc	gctctgtcct	cctgtccagt	ggatacagcc	540
ctgggcgctc	tgtctggcca	aggatgtccc	cactgcccct	ccatggcctc	tggccttctt	600
cccattcata	tttattttatt	tattgacttt	tatgaagttt	ccccttccat	ccgatcccta	660
ctgcccattg	tgtcctgacc	atccctccca	gccatccagc	tgtctgtcta	tctgccacaa	720
ggaaataaaa	atggcaagca	gcaaaaaaaa	aa			752

<210> 1112  
 <211> 1120  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(1123)  
 <223> similar to gi2677843 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1112						
gtcagggcat	tccccacctc	cacctcaaga	aaactgggtc	agttttgcag	atactccacc	60
aaccagtact	cttttaacca	tgcattcctgc	ttctgtccag	gaccagacaa	cagtacgaac	120
tgtagcatca	gctacaactg	ccattgaaat	tcgtaggcaa	tccagtagtt	atgatgatcc	180
ctgggaaaat	aacagatgaa	caaagacagt	attatgtaaa	tcagttttaa	accattcagc	240
ctgatctaaa	cggattttatt	ccaggatctg	cagctaaaga	gtttttttaca	aaatcaaaac	300
ttcctattct	tgaactttct	catatttggtg	aactctcaga	ctttgataaa	gatggtgcat	360
tgacactgga	tgagttttgt	gctgcttttc	atctggtggt	tgctaggaag	aatggctatg	420
atttaccaga	aaaacttcct	gaaagcttaa	tgcccaaact	gattgatttg	gaagattcag	480
cagatgtttg	ggatcagcca	ggtgaggtag	gttatttcagg	ctctcctgct	gaagctcctc	540
caagcaagtc	accatcgatg	ccatcactaa	accagacatg	gcctgagctg	aatcagagca	600
gtgagcagtg	ggagacattt	agtgaacgct	cttcaagctc	acaaactctg	acccaatttg	660
atttttacat	tgcaccagct	gatcctgata	ctgctattgt	tcatccagtt	cccattcgta	720
tgaactccag	caaaatccac	atgcaggaaa	tggaacttaa	aagaactggc	agcgatcata	780
caaatcccac	tagcccata	cttgtgaaac	catctgacct	tttagaagaa	aataagataa	840
attcatcggt	gaaattcgct	tctggttaata	ctgtagatgg	ttacagtagt	tcagactctt	900
ttactttctga	cccagaacag	atcgggagca	atgtaactcg	tcaaaggtct	cattcaggaa	960
cgtcgcctga	taacactgca	ccaccacctc	cccctccaag	gccacagccc	tctcatttcta	1020
gatcatcatc	tttagatatg	aatcggacct	ttacagtcac	cacaggacaa	caacaggctg	1080
gagttgttgc	ccatcctcct	gcagtgccctc	caagaccact			1120

<210> 1113  
 <211> 1888  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1888)

<223> similar to gil657462 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1113

tccacggtgg	catccatgat	gcatcgctcag	gagactgtgg	agtgtttgcg	caagttcaat	60
gcccggagaa	aactgaaggg	tgccatcctc	acgaccatgc	ttgtctccag	gaactttctca	120
gctgccaaaa	gcctattgaa	caagaagtcg	gatggcggtg	tcaagccaca	gagcaacaac	180
aaaaacagtc	tcgtaagccc	agcccaagag	cccgcgccct	tgacagcggc	catggagcca	240
caaaccactg	tggtacacaa	cgctacagat	gggatcaagg	gctccacaga	gagctgcaac	300
accaccacag	aagatgagga	cctcaaagct	gccccgctcc	gcactgggaa	tggcagctcg	360
gtgcctgaag	gacggagctc	ccgggacaga	acagccccct	ctgcaggcat	gcagccccag	420
ccttctctct	gctcctcagc	catgcgaaaa	caggagatca	ttaagattac	agaacagctg	480
attgaagcca	tcaacaatgg	ggactttgag	gcctacacga	agattttgtga	tccaggcctc	540
acttcctttg	agcctgaggc	ccttggtaac	ctcgtggagg	ggatggattt	ccataagttt	600
tactttgaga	atctcctgtc	caagaacagc	aagcctatcc	ataccaccat	cctaaaccca	660
cacgtccacg	tgattgggga	ggacgcagcg	tgcatcgctc	acatccgcct	caccagtac	720
atcgacgggc	agggctcgcc	ttcgaaccca	gccaagtcag	aagaagaccc	gggtctggca	780
cccgctcgga	atggcaagtg	gctcaatgtc	cactatcact	gctcaggggc	cccctgcccg	840
caccgctgca	gtgagctcag	ccacaggggc	ttttaggaga	ttccagccgg	aggtccgaac	900
cttcgcagcc	agtggctctg	gagggcctga	gtgacagcgg	ccagtcctgt	ttgtttgaag	960
gtttaaaaca	attcaattac	aaaagcggca	agcagccaat	gcacgcccct	gcatgcagcc	1020
ctcccgcocg	cccttcgtgt	ctgtctctgc	tgtaccgagg	tgttttttac	atttaagaaa	1080
aaaaaaaaag	aaaaaaagat	tgtttaaaaa	aaaaaggaat	ccataccatg	atgcgtttta	1140
aaaccaccga	cagcccttgg	gttggcaaga	aggcaggagt	atgtatgagg	tccatcctgg	1200
catgagcagt	ggctcaccga	ccggccttga	agaggtgagc	ttggcctctc	tgggtcccat	1260
ggacttaggg	ggaccaggca	agaactctga	cagagctttg	ggggccgtga	tgtgattgca	1320
gctcctgagg	tggcctgctt	accccagggtc	taggaatgaa	cttctttgga	acttgcatag	1380
gcgcctagaa	tggggctgat	gagaacatcg	tgaccatcag	acctacttgg	gagagaacgc	1440
agagctccca	gcctgctgtg	gaggcagctg	agaagtgggtg	gcctcaggac	tgagagcccg	1500
gacgttgctg	tactgtcttg	tttagtgtag	aagggaagag	aattgggtgct	gcagaagtgt	1560
acccgccatg	aagccgatga	gaaacctcgt	gttagtctga	catgcactca	ctcatccatt	1620
tctataggat	gcacaatgca	tgtgggccct	aatattgagg	ccttatccct	gcagctagga	1680
gggggagggg	ttgttgctgc	tttgcttcgt	gttttcttct	aacctgggca	aggagagagc	1740
caggccctgg	gcaaggctcc	cgtgccgcct	ttgggttcct	tgttttcttg	ttgcttgatc	1800
tggaccatct	ttgtctttgc	cttttcacgg	taggggtccc	atgctgaccc	tcactctggg	1860
cctgggcctc	ttgccaaagt	tgccccctg				1888

<210> 1114

<211> 966

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (21)...(936)

<223> similar to gi4263043 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1114

tgaggtgcaa	ttcgcctgag	tctctgactt	ccctcctggt	gctgctgacc	acggccaaca	60
acctttttgt	tttgattcct	gcgtattcca	agaaccgggc	ctatgccatc	ttcttcatag	120
tcttcactgt	gataggaagc	ctgtttctga	tgaacctgct	gacagccatc	atctacagtc	180
agttccgggg	ctacctgatg	aaatctctcc	agacctcgct	gtttcggagg	cggctgggaa	240
cccgggctgc	ctttgaagtc	ctatcctcca	tggtggggga	gggaggagcc	ttccctcagg	300
cagttggggg	gaagccccag	aacttgctgc	aggtgcttca	gaaggccag	ctggacagct	360
cccacaaaca	ggccatgatg	gagaagggtgc	gttcctatgg	cagtgttctg	ctctcagctg	420
aggagtttca	gaagctcttc	aacgagcttg	acagaagtgt	ggttaaagag	caccgcccga	480
ggcccagagta	ccagtctccg	tttctgcaga	gcgcccagtt	cctcttcggc	cactactact	540
ttgactacct	ggggaacctc	atcgccctgg	caaacctggt	gtccatttgc	gtgttcctgg	600
tgctggatgc	agatgtgctg	cctgctgagc	gtgatgactt	catcctgggg	attctcaact	660
gcgtcttcat	tgtgtactac	ctgttgagga	tgctgctcaa	ggcttttgcc	ctgggcctgc	720
gagggtaacct	gtcctacccc	agcaacgtgt	ttgacgggct	cctcaccgtt	gtcctgctgg	780
ttttggagat	ctcaactctg	gctgtgtacc	gattgccaca	cccaggctgg	aggccggaga	840
tggtgggcct	gctgtcgctg	tgggacatga	cccgcctgct	gaacatgctc	atcgtgttcc	900
gcttcctgcg	tatcatcccc	agcatgaagc	cgatggccgt	ggtggccagt	accgtcctgg	960
gcctgg						966

<210> 1115

<211> 1035

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1036)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (68)...(511)

<223> similar to gi4557143 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1115

gagtctgtag	aagaggcgac	accagggctt	ccaaatgaac	aaccgaaagg	aagatatgga	60
aatcacgtcc	cactaccggc	acctgctgcg	ggagctcaac	gagcagaggc	agcacggcgt	120
cctgtgcgac	gtctgcgtgg	tcgtggaggg	caaggctctc	aaggcgacac	agaacgtcct	180
gctgggcagc	agccgctact	tcaagacgct	ctactgccag	gtgcagaaga	cgtcggagca	240
ggccacggtc	acgcgtccgg	gacatcgta	cggcccaggg	cttcaaggcc	atcatcgact	300
tcatgtactc	agcgacacct	gcgctcacca	gcaggaacgt	catcgagggtg	atgtcagccg	360
ccagcttcct	gcagatgacg	gacatcgctc	aagcctgcc	cgacttcac	aaggcggcgc	420
tggacatcag	catcaagtcg	gacgcctcag	atgagcttgc	ggagttcgag	atcggcgcct	480

```

cgtccagcag cagcacggaa gctctcatct cgcccgatgat ggccgggagg agcatctccc 540
cgtggctggc acggcgaacg agtcctgcca attcttccgg agactcggcc atcgccagct 600
gtcacgacgg agggagcagc tacgggaaag aggatcagga gcccaaggcc gatggccctg 660
atgatgtttc ttcacagcct ctatggcctg gagacgtggg ctacgggcct ctgcgcacatca 720
aggaagagca ggtttcaccg tctcagtacg gagggagcga gctgccttct gcccaaggacg 780
gtgcagtaca gaactctttc tcagagcaga gtgctgggtga tgccctggcag cccacggggc 840
gaaggaagaa tcggaaaaaac aaagagaccg tccggcacat cacacagcag gtggaagatg 900
acagccgggc cagctccccg gtgccgtcct tcctgccgac gtcgggggtgc cgttcagcag 960
ccgagactca natgcggacc tgtccgtcac cgaagccagc agctccgaca gccgaggaga 1020
gaaggccgag ctctt 1035

```

```

<210> 1116
<211> 443
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (22)...(446)
<223> similar to gi4884088 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1116
accgttccgg aattccccgg acagctggtg tcctgtgtgg cagagacagt ggtgttggcg 60
gccgtgctat ggccacatcag cgtgctggtg ccctgcttcc tgaccttccc caagcagtgc 120
tcaagagaat ggtggctgta tggagcacag ggaaggagtc cctgcgggtg ctggctttcc 180
tggtcctcag cagagtctgc cggcacaaga aggacacttt ccttggtccc atcctcaagc 240
aaatgtacat catgtatgtg aggaactgca agttcacctc gctggtgcc ccccccttca 300
tcagttccat gcagcggacc ctgacggagc tgctggcctt ggagccgggt gtggcctacc 360
agcacgcctt cctctacatc cgccagctcg ccatacacct gcacaacgcc atgaccaccc 420
gcaagaagga aacgtctgtg tac 443

```

```

<210> 1117
<211> 1712
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(1649)
<223> similar to gil694688 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	1117						
ctttacccaa	gaatgtggtg	ttcgtgcttg	acagcagtcg	ttctatggtg	ggaaccaa	ac	60
tccggcagac	caaggatgcc	ctcttcacaa	ttctccatga	cctccgaccc	caggaccggt	tt	120
tcagtatcat	tggattttcc	aaccggatca	aagtatggaa	ggaccacttg	atatcagtca	tt	180
ctccagacag	catcagggat	gggaaagtgt	acattcacca	tatgtcacc	actggaggca	tt	240
cagacatcaa	cggggccctg	cagagggcca	tcaggctcct	caacaagtac	gtggcccaca	tt	300
gtggcattgg	agaccggaga	gtgtccctca	tcgtcttct	gacggatggg	aagcccacgg	tt	360
tcggggagac	gcacaccctc	aagatcctca	acaacacccg	agaggccgcc	cgaggccaag	tt	420
tctgcatctt	caccattggc	atcggcaacg	acgtggactt	caggctgctg	gagaaactgt	tt	480
cgctggagaa	ctgtggcctc	acacggcgcg	tgcacgagga	ggaggacgca	ggctcgcagc	tt	540
tcacggggtt	ctacgatgaa	atcaggaccc	cgctcctctc	tgacatccgc	atcgattatc	tt	600
ccccagctc	agtgggtcag	gccaccaaga	cctgttccc	caactacttc	aacggctcgg	tt	660
agatcatcat	tgcggggaag	ctgtggaca	ggaagctgga	tcacctgcac	gtggagggtca	tt	720
ccgccagcaa	cagtaagaaa	ttcatcatcc	tgaagacaga	tgtgctgtg	cgccctcaga	tt	780
aggcagggaa	agatgtcaca	ggaagcccca	ggcctggagg	cgatggagag	ggggacacca	tt	840
accacatcga	gcgtctctgg	agctacctca	ccacaaagga	gctgctgagc	tcctggctgc	tt	900
aaagtgcaga	tgaaccggag	aaggagcggc	tgcggcagcg	ggcccaggcc	ctggctgtga	tt	960
gctaccgctt	cctcactccc	ttcacctcca	tgaagctgag	ggggccgggtc	ccacgcattg	tt	1020
atggcctgga	ggaggcccac	ggcatgtcgg	ctgccatggg	acccgaaccg	gtggtgcaga	tt	1080
gcgtgcgagg	agctggcacg	cagccaggac	ctttgctcaa	gaagccatac	cagccaagaa	tt	1140
ttaaaatctc	taaaacatca	gtggatggtg	atccccactt	tgttgtggat	ttccccctga	tt	1200
gcagactcac	cgtgtgcttc	aacattgatg	ggcagcccgg	ggacatcctc	aggctggtct	tt	1260
ctgatcacag	ggactctggt	gtcacagtga	acggagagtt	aattggggca	cccgccctc	tt	1320
caaatggcca	caagaaacag	cgcacttact	tgcgcactat	caccatcctc	atcaacaagc	tt	1380
cagagagatc	ttatctcgag	atcacaccga	gcagagtcat	cttggatggg	ggggacagac	tt	1440
tgtgtctccc	ctgcaaccag	agtgtggtgg	tggggagctg	ggggctggag	gtgtccgtgt	tt	1500
ctgccaacgc	caatgtcacc	gtcaccatcc	agggctccat	agcctttgtc	atcctcatcc	tt	1560
acctctacaa	aaagccggcg	cccttccagc	gacaccacct	gggtttctac	attgccaaca	tt	1620
gcgagggcct	ttccagcaac	tgcagggtct	tctgtgagtc	tggcatcctg	attcaggaac	tt	1680
tgaccacgca	gtccgtggca	gttgctggtc	ga			tt	1712

```
<210> 1118
<211> 839
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (2)...(842)
<223> similar to gi3063517 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 1118						
gtttttttctc	gagcaggtta	gccaatatac	ctttgctatg	tgcagttata	gagaaaagaa	60
gtctgaacca	caagaattaa	tgcagcttga	aggctatact	gtggattata	ccgatcccca	120
cccaggcctt	cagggtgggtt	gtatgttctt	taatgctggt	aaagaaggag	atactgtaat	180
ctttgccagt	gatgatgaac	aggacagaat	attatgggtt	caagccatgt	atagggccac	240
aggtcaatca	tataaaccag	ttcctgcaat	tcaaaccag	aaactgaatc	ctaaaggagg	300
aactctccat	gcagatgctc	agctttatgc	agatcgtttt	cagaaacatg	gtatggatga	360
gtttattttct	gcaaaccctt	gcaagcttga	tcatgccttc	ctttttaqaa	tactccagag	420

gcagactttg	gatcacagac	tgaatgattc	ctattcttgc	ttgggatggg	ttagccctgg	480
ccaagtcttt	gtgtagatg	agtactgtgc	ccgttatggg	gtgagaggct	gtcacagaca	540
tctctgctac	cttgacagac	tgatggaaca	ttcagaaaat	gggtgctgtca	ttgaccctac	600
cctgctccat	tacagctttg	cattctgtgc	ctctcgatgt	gcacggcaac	aggcctgatg	660
gaattgggac	tgtttcagtg	gaagaaaaag	aaagatttga	ggagataaaa	gagagactct	720
cttccctttt	agaaaatcag	ataagccatt	tcagatactg	ttttcccttt	ggacgacctg	780
aaggtgctct	aaaagctaca	ctttcattac	ttgaaagggt	tttaatgaaa	gatattgcc	839

<210> 1119

<211> 1706

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (29)...(1709)

<223> similar to gi2224591 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1119

gcattttattg	aggcgaccca	agcgtccgaa	tgagctgcac	gaagctggaa	gatgacgcca	60
aggacaacca	gcacaaggcc	aacgaggtgg	agcagatgat	ccgagacctg	gaagccagca	120
tcgcccgtca	caaggaggaa	tacgcogtcc	tgatctcaga	ggcccaggcc	atcaaggcag	180
acctggcagc	tgtcgaggca	aaagtaaacc	ggagcactgc	tcttctgaag	agcttgtctg	240
ctgaacgtga	acgatgggaa	aaaacaagtg	aaactttcaa	aaaccagatg	tccaccattg	300
ctggggactg	tctcttgtca	gctgcgttca	ttgcctacgc	gggttacttt	gaccagcaga	360
tgcgctcagaa	cttggttcaact	acctgggtccc	atcacctaca	gcaagccaac	atccagttcc	420
gtacagatat	tgccaggacg	gaataccttt	ccaatgctga	tgagcgtctt	cgctggcagg	480
ccagctcctt	gcctgctgat	gacctttgca	cagaaaatgc	catcatgctg	aaacgattca	540
ataggtatcc	gctgatcatt	gacccctctg	gacaggccac	agaattcatt	atgaatgaat	600
ataaggatcg	taagatcaca	cggaccagct	tcctggatga	cgccttcaga	aagaacttag	660
agagtgcact	gagattcggg	aacccccctt	tggtccagga	tgtggaaagc	tacgatccag	720
ttttgaaccc	gggtgctgaac	cgtgaagtgc	ggcgaacagg	ggggagagtg	ctgatcactc	780
tcggggacca	ggacatagac	ctgtcgccat	cgtttgtcat	cttcctgtcc	acccgggatc	840
caactgtcga	gttcccacca	gatctctggt	cccgggttac	ttttgtaaac	ttcacagtta	900
cccgtagcag	tttacaagac	cagtgtctaa	atgaagtact	taaagcagaa	agacctgatg	960
tggacgagaa	acgatctgat	cttctttaa	ttcaagggga	atttcagctc	cgtttgcgtc	1020
agctggaaaa	atctctacta	caagctctga	acgaggtgaa	agggcgcat	ttggatgacg	1080
acacgatcat	aaccactctg	gagaacctga	agagagaggc	tgacagaggtc	accaggaaaag	1140
ttgaggagac	ggacattgtc	atgcaggagg	tggagaccgt	gtcccagcag	tacctccgc	1200
tctccaccgc	ctgcagcagc	atctacttca	ccatggagtc	cctcaagcag	atacacttct	1260
tgtaccagta	ctccctccag	tttttctctg	acatttatca	caacgtccta	tacgagaacc	1320
cgaacctgaa	gggtgtcacc	gaccacacac	agcgctgtc	cattataaca	aaggacctct	1380
tccaggtggc	gttttaaccga	gtggctcgag	gcatgctgca	tcaggaccac	attacctttg	1440
ccatgctgct	ggcaagaatc	aaactgaagg	gcaccgtggg	ggagcccacc	tacgatgcag	1500
aattccagca	cttcttgaga	ggaaatgaga	ttgtcctgag	tgctggctcc	acccccagga	1560
tccagggcct	gactgtggag	caggcggagg	cgggtggtgag	gctgagctgc	cttccgcgt	1620
ttaaggactt	gattgcaaag	gttcaggcag	acgagcaatt	tggcatctgg	ctggacagca	1680
gctccccgga	gcagactgtg	ccctac				1706

```

<210> 1120
<211> 1271
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (199)...(1226)
<223> similar to gi2330663 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

00486725.042100

```

<400> 1120
actagaggag cgttgcggaa ttccgaaaga tctctcgcca gagcaaatgg gacattggag      60
ctgtgcagtg gaatcctcat gacagctttg cacactatth tgcggcttcg agtaaccaac     120
gagtagacct ttacaagtgg aaagacggca gtgggggaagt tggcacaacc ttacaaggcc     180
acactcgtgt catcagcggg tgcctcccag gtcaaatgga ataaaaaaaa tgctaactgc     240
cttgccacca gccatgacgg cgatgtgcgg atatgggata agaggaaacc cagtacagca     300
gtggaatata tagccgcccc cctctccaaa atccatggcc tggactggca cccagacagc     360
gagcacattc ttgctacctc cagtcaagac aattctgtga agatctggga ttaccggcag     420
cctcggaaat acctcaatat tcttccttgc caggtgcctg tctggaaggc cagatacaca     480
cctttcagca atggattggg gactgtgatg gttccccagc tgcggaggga aaacagcctt     540
ctcctgtgga atgtctttga cttgaacacc ccagtccaca ccttcgtggg gcatgatgat     600
gtggtccttg agttccagtg gaggaagcag aaggaagggt ccaaggacta tcaactgggtg     660
acgtgggtccc gggatcagac cttgagaatg tggcgttgga ttcccagatg cagaggcttt     720
gtgcaaatga catattagat ggtgttgatg agttcattga gagtatttcc cttctgccgg     780
aacctgagaa gaccctgcac actgaagata cagatcacca gcacactgca agccatgggg     840
aggaagaagc ctaaaaagaa gatcccccta gaaatctcct ggaagagagg aaatcagatc     900
aactgggggt gcctcagacc ttgcagcagg aattctccct gatcaatgtg caaatccgga     960
atgtcaatgt ggagatggat gcggcagaca ggagctgcac agtgtctgtg cactgcagca    1020
accatcgtgt caagatgctg gtgaagttcc ctgcacagta cccaaacaac gccgcccctt    1080
ccttcagttt tattaacccc acaaccatca catccaccat gaaagctaag ctgctgaaga    1140
tctgaagga  cacagccctg cagaaagtga agcgtggcca gagctgcctg gagccctgcc    1200
tgcgccagct cgtctcctgc cttgagtcct ttgtgaacca ggaagacagc gcttccagca    1260
acccgtttgc a                                     1271

```

```

<210> 1121
<211> 1116
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (169)...(896)
<223> similar to gi3876005 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1121
tttcgtggct ggggctcatg ttggggggcac ttggcctctc caggcctcga aggtttctcc 60
tgggctgatg cgagctgggg aacgggaggg acggacgtgg gagcgagaac gtcacactgg 120
aggcagctgg tggcacgatg ggggacagag tgaaaaggtag caagtcaagg acagtcacctc 180
gtctccccgc tcttggctca gggaccagaa cttggcctag aacttgtttt tgtctggaat 240
cgtgaccag gacgaatggc agggagcgtg ccccttccc tgcagctcca gaaccttgct 300
gcccttgggg aaaggcgccc tgatctgggt gtggaagtgg cccatcccaa aataatccat 360
gaatctgggg cacaaatcct gcgccatgcc aatctcctgg tggggtcccc ctcagctcta 420
agtgaccaga ccacagagcg gcagctcttg gaggcctcac agcactggga ccacgccgtg 480
tttgtggccg aaggggcccc gtggggcgct gaggacatca ggagattgga tgcagctggg 540
ggcctccgga gccttcgtgt tcaccatggg ccacacaccc cgatggcttc cggcttgagg 600
ggacccctgg ctgcagccca cagccctggg gcctttgcac tgttgctctt acggaaggcc 660
ctgctccgtg ggcttctgcc cttttgcccc gcgaaattcc aacaccatgg cggcggtgc 720
cctggctgcc cccagcctgg gcttcgatgg ggtgattggg gtgctcgtg ctgataccag 780
cttcacggac atgcacgtgg tggatgtaga gctgagcgga cctccggggc ccacggggcg 840
aagctttgct gtgcacaccc gcagagagaa ccctgccgag ccaggcgcgg ttaccgggct 900
ccgccaccgt cacggcctct ctggcgagc cctcctggcc tgctgccagc tcccctccag 960
gccggggatc catctctgct gagaagcctc ctccctccc agacaagatc atctgcctgg 1020
cctctacca ccaccatccc acccctgccc tgccccactt cccagggtc tcccttctga 1080
ctcagtaaag atcaccgctg cctccccgca aaaaaa 1116

```

```

<210> 1122
<211> 739
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(741)
<223> similar to gi2232019 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1122
agcctcagca cctggaacca ggtggtgctg ctacaggggc ctccaggaac tggaaaaaca 60
ttcctatgta aagcattagc ccacaaattg actattaaac tttcaagcag gtattggtat 120
ggccaattaa ttgaaataaa tagccctaac ctcttttcta aacggttttc cgaaattgac 180
aagctgataa ctaagacgtt ccagaagatt caggatttga ttgattataa agatgctctg 240
gcattttcac tgattgatga gatagaaagt ctacagcca ccataatga aagccatcgg 300
gtgccattgg catggtaaac gctgtcttga cccaaattaa tcagattaaa aggcatttta 360
atgtagtgat tccagctact tccaacatca ccgtgaagat tgacatggcc tttgtgggac 420
aggtctgata tccaagcagg tatatcagtc tgcgctctgc agcaagccat cttcaaaatt 480
tacggttttc tgtttggaag aactggtcaa gtgccaggtc atataccctc ctcagcagct 540
attaaccctc caaaagctgg agatgattgg cttcattgaa aacaatgtgt caaaattgag 600
cttccttttg agtgacattt caaagaagat cgaggcctcc atggccagtt cctgaggaaa 660
ctcctttttc tgggtgcatc actgtgtgtc caggctacac caggctttct ctctggtcgt 720
ggacaagcag gttgaagag

```





```

ccgcctgtt  cagaatcaag  tgtgtgacca  ggtgaggacg  ccaggcccg  ttggcgctaa  240
gcagacacag  atcaggctat  gacaactaac  ttgttttttg  aatagtggga  ttttatctct  300
cttcttggcc  accataattt  ccccagggcc  ttgtacagca  cagggttat  aacaactact  360
gaagtattgg  ttgacataag  agtcatcata  aattaagtca  tttttccaaa  tatctgtgtt  420
tttagaatcc  caagcctact  ggagaggatg  tgttgttaga  aagtggtaga  gaaaacctga  480
ggaaaacagt  acctccccac  agatgccaag  ttaagaaaaa  aattctttga  aaaaaaggta  540
ggtaaagatc  attatgttct  ccagatatgg  tctccgtgcg  ggtgggtcac  ttggggtcag  600
gaaggctaac  agagggtgga  aaactttgag  acttacttca  ctttgagggc  tttttaaaaa  660
tgggtgagat  gctgctaaaa  atcctgttta  acttttagttg  gctttccaac  ctagatgttc  720
aaatacttct  agactttctt  ttctagttaa  atcataaaat  taggttaaat  caaagcaact  780
tctgtttggc  cattttgtgc  taattgttta  aataaactta  tctcttcaga  cac  833

```

```

<210> 1125
<211> 801
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(802)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2)...(801)
<223> similar to gi3659692 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1125
agacgggctg  ctccatgagg  tgctgaacgg  gtccttagat  cgccctgact  gggaggaagc  60
tgtgaagatg  cctgtgggca  tcctcccctg  cggtcggggc  aacgcgctgg  ccggagcagt  120
gaaccagcac  gggggatttg  agccagccct  gggcctcgac  ctgttgctca  actgctcact  180
gttgctgtgc  cggggtggtg  gccaccact  ggacctgtc  tccgtgacgc  tggcctcggg  240
ctcccgctgt  ttctccttcc  tgtctgtggc  ctggggcttc  gtgtcagatg  tggatatcca  300
gagcgagcgc  ttcagggcct  tgggcagtgc  ccgcttcaca  ctgggcacgc  tgctgggcct  360
cgccacactg  cacacctacc  gcggacgcct  ctccctacctc  cccgccactg  tggaacctgc  420
ctcgcccacc  cctgcccata  gcctgcctcg  tgccaagtgc  gagctgaccc  taaccccaga  480
cccagccccg  cccatggccc  actcaccct  gcatcgttct  gtgtctgacc  tgctcttcc  540
cctgccccag  cctgccctgg  cctctcctgg  ctgcgcagaa  cccctgccc  tcctgtccct  600
caacggtggg  ggcccagagc  tggctgggga  ctgggggtgg  gctggggatg  ctccactgtc  660
ccgggaccca  cagctgtctt  cacctcctgg  ctctcccaag  gcagctctac  actcaccctg  720
ctaaaaaaag  gcccccgtaa  ttcccccgga  catgnnnccc  cgctctagag  gatcaagcaa  780
ctacgcggcg  gctcacgacg  c  801

```

```

<210> 1126
<211> 1007

```

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1008)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (1)...(797)  
<223> similar to gi4240203 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1126  
gcggccgccc ccaccctggc agctcaccgt gctgcaccgc gcgtaggntt cggcctcgac 60  
aagttcctgg gccgcgccga ggggtggacct gcgggatctg caccgcgacc agggccgcag 120  
gaagacgcag tgggtataagt tgaaatccaa accaggaaag aaggacaagg agcgaggaga 180  
aattgagggt gacatccagt ttatgagaaa caacatgact gccagcatgt ttgacctttc 240  
tatgaaagac aagtctcgga atccatttgg aaagctgaag gacaagatca aggggaagaa 300  
taaggacagt gggtcagaca ccgcctccgc catcatccct agcacgacac cttcggtcga 360  
cagtgatgat gagtctgtgg ttaaagacaa gaaaaagaaa tcaaagatca agaccttact 420  
ttccaagtca aatttgcaga agacgcctct tccccagtc atgtctgtcc tgccgacttc 480  
aaagccagaa aaagtgtctc ttcgtcccgg agactttcag tcccagtggt attgaagatg 540  
acaatgagga tgagtcctcc tcggcctcgg atgtcatgtc tcacaagaga acagcgagta 600  
cggatcttaa gcaactgaac cagggtcaact ttacccttcc caagaaggaa ggactttcct 660  
ttcttggtgg ccttcgggtct aagaatgatg tcctttcccg ctctaattgtc tgcataatg 720  
ggaaccatgt ttacctggag cagccagaag ccaagggtga gatcaaggat agcagcccgt 780  
cctcctcccc atcccccaag ggcttcagaa agaagcattt gttctcttct acagagaacc 840  
tggcggctgg gtcttgggaag gagcctgctg aaggaggtgg gctgtcttct gacaggcagc 900  
tctccgaatc ttccaccaag gactccttga agtctatgac cctgccgtcc taccgacctg 960  
ccccactggt cagtggggac ctgcagggaa aacgatggcc cctacgc 1007

<210> 1127  
<211> 828  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (17)...(802)  
<223> similar to gi4895231 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1127  
gtcgacccac gcgtccgcag acagaatctt ggatttgggt tttgaaaagg acatcacagt 60  
gataacttaat gctgtaaatg ctgaatgccaa aaaacgacag aatgtcttgc tatcagcgac 120

actcacagaa	ggtgtaacgc	ggctagctga	tatcagtttg	catgatccag	tcagtatttc	180
tgtcctggac	aagagccatg	accagttgaa	cccaaaggac	aaagcgggcc	aggaggtctg	240
tcctccacca	gctggcgaca	agctggacag	ctttgcaata	ccagagagtc	tcaagcagca	300
tgtgactgtg	gttcccagca	aactgaggct	tgtctgccta	gcggccttca	tccttcagaa	360
atgcaagtgt	gaggaagacc	agaagatggt	tgtctttttc	tcaagttgag	agctggtgga	420
gttccactac	agcctcttcc	tacagaccct	gctgagcagc	tcagggggcg	cggcatcagg	480
gcagttgcca	tctgcctcca	tgcgattaaa	attcctacgg	ctgcatggcg	gcatggagca	540
ggaggaaaga	acagcagtg	ttcaggaatt	ttcacattcc	agaagaggcg	tccttctttg	600
cacggatgtt	gcagctcggg	gcttagatct	ccctcaagtc	acgtggattg	ttcagaatac	660
atccaccgga	ttggaagaac	cgcccggatt	ggctgccatg	ggagcagcct	gctcattttg	720
gctccttcgg	aggcagaata	tgtcaactcg	ttggcttctc	acaaaatcaa	cgtttctgag	780
attaagatgg	aagatatttt	gtgtgttctg	acaagagatg	attggttt		828

<210> 1128

<211> 925

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (454)...(769)

<223> similar to gil60409 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1128

aggaagcgca	gggacagagc	ggtgcagtc	gagctttcgg	aaaggggtctt	tgctgctgag	60
cccgggcagg	ggctgccgag	gccccaggct	ccgcttcgag	acgcggcgag	gtccaggcgg	120
gagggcagtc	cctaggaagg	gacccggggc	gggaggagga	agtgaggccg	cgcggaagga	180
aggcggcgag	ccccggggcc	ccgaggcctt	ggccgcgtca	cagcacccac	atggcctctg	240
gagtgggagc	ggccttcgag	gaactgcctc	acgacggcac	gtgtgacgag	tgcgagcccg	300
acgaggctcc	ggggggcgag	gaagtgtgcc	gagaatgcgg	cttctgctac	tgccgccggc	360
atgccgaggc	gcacaggcag	aagtctctca	gtcaccatct	ggccgaatac	gtccacggct	420
cccaggcctg	gaccccgcca	gctgacggag	agggggcgag	gaaggaagaa	gcggagggtca	480
aggtggagca	ggagagggag	atagaaagcg	aggcagggga	agagagttag	tcggagggaag	540
agagcgagtc	agaggaagag	agcgagacag	aggaagagag	tgaggatgag	agcgatgagg	600
agagtgaaga	agacagcgag	gaagaaatgg	aggatgagca	agaaagcgag	gccgaagaag	660
acaaccaaga	agaaggggaa	tccgaggcgg	agggagaaac	tgaggcagaa	agtgaatttg	720
accagaaat	agaaatggaa	gcagagagag	tggccaagag	gaagtgtccg	gaccatgggc	780
ttgatttgag	tacctattgc	caggaagata	ggcagctcat	ctgtgtcctg	tgtccagtca	840
ttggggctca	ccagggccac	caactctcca	ccctagacga	agcctttgaa	gaattaagaa	900
gcaaagactc	aggtggactg	aaagg				925

<210> 1129

<211> 604

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (15)...(343)  
 <223> similar to gi5381343 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1129  
 cggacgcgtg ggcaagccct ggtctggcta cctctccaag ccctggctgt ccacctatcc 60  
 aagccccggc ctggctacct ctccaagccc caggctgtcc acctctccaa gcccactg 120  
 tctacctctc caagccctgg cctggctacc tcccccaagc ctgggctgtc cacctctcca 180  
 agcgccaact atctttctct ccaagccctg gcctggctac ctctccaagc ccagggctgt 240  
 ccacctctcc aagccccaac tgtctacctc tccaagcccc ggctgggcta cctctccaag 300  
 cccctggcta cctctccatg cccggcctgg ctacctctcc tcttgccat aggccctgag 360  
 gggcaattcc agcccaaggg aatccatggc tcctgctgtc ccaagaaaac ctagtctcatg 420  
 ttgtggctct gcagagcctg gcctggctct gtccctctgtg atttcacaga ccttccgtag 480  
 ccagtccac ctgccctgct ctctgctgca tgcgacgagg gcctcctgtc agctcctcag 540  
 agacccttat taatcccagg gctcgccatg cactgcctcc ttcgctggag cctcttacct 600  
 tcca 604

<210> 1130  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (165)...(398)  
 <223> similar to gi3168604 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1130  
 cgagcgagga ggaggaccga gagatccgaa agctggagcg ttgcctcggg ttgaacaagc 60  
 gcaaaaagaa ggacggcagc agctccgtgc cgctgagctt tgcacgcgac ggtcttgact 120  
 atattctggg agccctggag tctgggaaaa atagcggtt gtacgacagc agtgggtgagg 180  
 aggaggaaga tgccggacag aactccccg aaagtgactt agagagtgc tcccaggacg 240  
 aaagtgagga ggaggaggag ggagacgtag aaaaggaaaa gaaggcgag gaagcagaag 300  
 cgacagcgca ggacgacgac gaggatacag aagaggaaca gggggaagaa aaggaaaagg 360  
 gagcgagga gaaaaggagg gggaagagag tccgtttt 398

<210> 1131  
 <211> 394  
 <212> DNA



<220>  
 <221> misc\_feature  
 <222> (20)...(766)  
 <223> similar to gi3893109 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1133  
 tctccgggtc gaccacgcg tccgcaacaa tagcactatg gtgatgacag gcatgcggat 60  
 ccagattggg actcaagcaa tagaacgggc ccgggggtga gtatcgagat cttcggcaga 120  
 actatgcagc tcaacctgag tgcgtcacgc tggtttgact tccccttcac cagagaagaa 180  
 gccctgcagg ctgataagaa gctgaacctc ttcatggggg cctcggtgga tccagcaggt 240  
 gtcaccatga tagatgctgt aaaaatttat ggcaagacta aggagcagtt tggctggcct 300  
 gatgagcccc cagaagaatt cccttctgcc tctgtcagca acatctgccc ttcaaactctg 360  
 aaccagagca acggcactgg agatagcgac tcagctgccc ccactacgac cagtggaaact 420  
 gtcctggaga ggctggttgt gagttcttta gaagccctgg aaagctgctt tgccgttggc 480  
 ccaatcatcg agaaggagag aaacaagaat gctgctcagg agctggccac tttgctgttg 540  
 tccctgccag cacctgccag tgtccagcag cagtccaaga gccttctggc cagcctgcac 600  
 accagccgct cggcctacca cagccacaag gatcaggcct tgctgaacaa agctgtgcag 660  
 tgtctcaaca catctagcaa agagggcaag gatttggacc ctgaggtgtt ccagaggcta 720  
 gtgatcacag ctgcgtccat tgccatcatg cgccccaaca accttgacca ctttacggag 780  
 tcaaagctgc ccggcgcg 798

<210> 1134  
 <211> 541  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (5)...(516)  
 <223> similar to gi3581785 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1134  
 tttcgtgggc cactgtgtga acacagaagg tgggtttgtg tgcgagcgtg ggccgggcat 60  
 gcgggtgtct gccgaccgcc acagctgcca agacactgac gaatgcctag ggactccctg 120  
 tcagcagaga tgtaaaaaca gcattggcag ctacaagtgt tccgtgcgaa ctggcttcca 180  
 ccttcatggc aaccggcact cctgtgtaga tacaccccaa ggattcctct ctgctcacc 240  
 attttcttgg ctgcctttgc tccccttgat gtaaaccagt gtcggaggcc attggagagg 300  
 cgagtctgtc accattcctg ccacaacacc gggggcagct ttctatgcac atgccgacct 360  
 ggcttcaggc tccgagctga ccgcgtgtcc tgtgaagctt tcccgaagc cgagctggcc 420  
 ccatttgcca tcctgcaacc ccggtgacac ccgtacaaga ggctactgtt gcttgcgtgag 480  
 gccgcacggc ctgccctgtg cccaggacat agacctcctt ctggggctcc agggacatca 540  
 g 541

<210> 1135  
 <211> 525  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(526)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2)...(508)  
 <223> similar to gi663111 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1135  
 gggctccttc cgctgcatct gtcccatgg cttccaggtg cagagtgacc actgcattga 60  
 tatcgacgag tgctcagagg agcccaacct ctgcctcttt ggcacctgta ccaacagccc 120  
 tgggagcttc cagtgcctct gccacacctg ctttgtcctc tctgacaatg ggcaccgttg 180  
 ctttgacaca cggcagagtt tctgcttcac ccgttttgag gctgggaagt gctcgggtgcc 240  
 caaagctttc aacaccacca agaccgctg ctgctgcagt aagaggcctg gggagggctg 300  
 gggagacccc tgcgaactgt gtcccagga gggcagcgt gcctttcagg agctctgccc 360  
 ctttggccac ggggcagtcc caggcccga tgactcccga gaagacgtga atgagtgtgc 420  
 agagaacctt ggcgtctgca ctaacggcgt ctgtgnntca acaccgatg atccttccgc 480  
 tgtgagtgtc cctttggcta cagcctggga cttcaacctt tggca 525

<210> 1136  
 <211> 661  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (150)...(459)  
 <223> similar to gi2780777 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1136  
 tttcgtctgg gacaataatg agagagaaaa gatgagccca tgggatatgg agccaattcc 60  
 agaaggaact gcctttccag atgaagttgg tgctggtgtt cctgtctccc aggaagaatt 120  
 gactgctttg ctatacaaac ccaggaagg agagtggggg gctcattcca gagacgaaga 180  
 atgtgaacgg gttattcagg gcatcaacca ctttctttcc ctggattttg ccagcccttt 240  
 tgctgttcca gtggatctca gtgcctaccc cttgtattgt actgtagttg cttatccaac 300

tgacctcaat	accatcaggc	ggagacttga	aaatcgcttt	tacaggagaa	tatcagcatt	360
aatgtgggag	gtacgctata	ttgaacataa	tgccaggact	ttcaatgagc	cagacagtcc	420
tatagttaaa	gcagctaaaa	ttgtaactga	tgtcttactt	cgattttattg	gggatcagag	480
ctgtactgat	atactggata	cttataataa	aattaaagca	gaagaacgaa	acagtactga	540
tgagaggag	gatacagaaa	ttgttgattt	agattcagac	ggtcctggta	cttcatctgg	600
aagaagggtc	aaatgccgag	gcagaagaca	gtcttttaaag	tgtaatcctg	atgcttgtaa	660
a						661

<210> 1137  
 <211> 1199  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (466)...(1199)  
 <223> similar to gil001939 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1137						
agcgtggtgg	aattcccgtc	ctctgtacgg	ccccgggagc	aggtgcagcc	cagtcggcag	60
aggagcaaac	aggctcagag	caggtaggaa	accttcccaa	ggccaaccag	ctggtcaaag	120
gactgcttcc	ttcctgaact	cataccctgt	cagctgtgga	gcttttggtc	tctgaaatct	180
ttctagaaaa	ttgttgataa	agctgattcc	gttttccctgt	aggccttcaa	cttgcattct	240
tccaaggaag	aactgggatt	tgagagggat	gaagtggggc	ttgggcattt	aggtcctttg	300
ggaggataga	tgtggggagc	atcagagggtc	tttgtccctgc	ttgtgacaga	cagcatgggg	360
gggatgttga	gtccaagcat	gttggtgctg	ggacgggaga	cagacctctg	cttagcctgg	420
ttagtgccag	gagccattgc	cccctcccc	actttgttcc	ttccctctct	agcaaaaaag	480
cagggccaga	gcggcatcat	ctcctgcata	gccttcagcc	cagcccagcc	cctctatgcc	540
tgtggctcct	acggccgctc	cctgggtctg	tatgcctggg	atgatggctc	ccctctcgcc	600
ttgctgggag	ggcaccaagg	gggcatcacc	cacctctgct	ttcatcccg	tggcaaccgc	660
ttcttctcag	gagcccgcaa	ggatgctgag	ctcctgtgct	gggatctccg	gcagtctggt	720
tacccactgt	ggtccctggg	tcgagagggtg	accaccaatc	agcgcatcta	cttcgatctg	780
gacccgaccg	ggcagttcct	agtgagtggc	agcacgagcg	gggctgtctc	tgtgtgggac	840
acggacgggc	ctggcaatga	tgggaagccg	gagcccgtgt	tgagttttct	gccccagaag	900
gactgcacca	atggcgtgag	cctgcaccct	agcctgcctc	tcctggggcca	ctgccttccg	960
gtcagcgtgt	gtttcctgag	ccccacagag	agtgggggac	gaaggagagg	agctgggcct	1020
tcctttggct	ctccacggcg	ccacgtccac	cttgaatgtc	ggcttcagct	ctggtggtgt	1080
ggggggggcg	ccagactcca	gcacccctga	tgatcaccca	gggcgagaaa	gggcagggag	1140
gaacggaggg	aggtgtgggt	gagctgatat	agaaaggttt	ttatggtaaa	aaaaaaaaa	1199

<210> 1138  
 <211> 440  
 <212> DNA  
 <213> Homo sapiens



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<220>
<221> misc_feature
<222> (1)...(441)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (74)...(440)
<223> similar to gi2440078 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1138
tttcgtagtt tctgcttct gtcactacac ctcccaccct ctccatcacc tgctctgctc      60
ttacaaggat ccgaagaaat ggaatcatcg tatcgctgat ctacgtaaac aaactgaaga      120
attgtctgaa agaaaatatg acatgaactt atgaattcaa cagggtgaaga tttacaactt      180
gataaatcaa ctttgtcagc tcgagctgta aaagccaaag gtccggtgat gatcccatac      240
ccttttttcc agtctcatgt tgaagatttt tatgtagaag gccttcccaa aggaannnnn      300
nnnnnnnnnn nnnnnngaaa ggggggtttt cttttaatcc cccaggtggg ggggaagggg      360
cccacctttg tgggaaatgg aacctttggc ttctgggttt aaaaaaattt tctggcttat      420
ccctcccagg ccctgggaca                                     440

```

```

<210> 1139
<211> 419
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (74)...(383)
<223> similar to gi220895 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1139
cggcacgagc gacgaccatg ggctccgtgt ccaaccagca gtttgcaggt ggctgcgcca      60
aggcggcaga agaggcgccc gaggaggcgc cggaggacgc ggcccgggcg gcggacgagc      120
ctcagctgct gcacggtgcg ggcattctgta agtggttcaa cgtgcgcatg gggttcggt      180
tcctgtccat gaccgcccgc gccggggtcg cgctcgaccc cccagtggat gtctttgtgc      240
accagagtaa gctgcacatg gaaggggtcc ggagcttgaa ggaggggtgag gcagtggagt      300
tcacctttaa gaagtcagcc aaggggtctg aatccatccg tgtcaccgga cctgggtggag      360
tattctgtat tgggagtggag aggcggccaa aaggaaagag catgcataag cgcagatca      419

```

```

<210> 1140
<211> 791

```

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (5)...(794)  
 <223> similar to gi3882331 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1140  
 gaccttgagc caaggctttt gaaaagatat gtgggtgctc ctcttctgcc tcgtcatggc 60  
 cagctgccag tactccctgc taaagagtgt tcagcctgac cccgcctcac caatacacgg 120  
 acacaaccaa atcataacat atagcagacc aatctatttt tgtgtgctgt gtggccttat 180  
 tttgcttctt gatacagggg ccaaagccag gcaccctccc agttacgttg tgtatggcct 240  
 gaagctcttc tctccagtgt ttctacaatc agctagggac tacttaatag tatttttata 300  
 ttgcttccct gctatttccc tccttgggct cttcccgcaa atcaacactt tctgcactta 360  
 tcttttggag caaattgaca tgctgttttt tgggggttct gctgtgtctg ggataacctc 420  
 ggctgtttac agtgtggccc ggagcgtctt ggctgccgcc ctgctccacg cagtctgctt 480  
 cagtgcagtg aaggaaccgt ggagcatgca acacatcccg gcactgtttt cggccttctg 540  
 tggcctcttg gtcgcccttt cttaccatct gagccgtcag agcagtgacc catctgtact 600  
 catgtccttc atccaatgca ggctgtttcc taaattttta catcaaaaatc tggcagagtc 660  
 agctgctgac cctctcccca agaagatgaa agattcagtg acggatgtct taaaatggga 720  
 tctcatcgtc tgcgccaggg gtggttggct ttccattggc aggcaaggcc agcactgtat 780  
 tcctgtcatt g 791

<210> 1141  
 <211> 795  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (26)...(796)  
 <223> similar to gi2905998 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1141  
 gcatgcgtaa ttcgccacca ggttcaacgc ggggccatt gacaccacta tcatcatgaa 60  
 tgggaggcag atccagtgcc ttgcaccac gtctaccgag gtctgagga ggagggtagc 120  
 atgctggacc cagggtgtgt gatgactgga accaagtgtg gctacaacca tatttgcttt 180  
 gaggggcagt gcaggaacac ctcttctttt gaaactgaag gctgtgggaa gaagtgaat 240  
 ggccatgggg tctgtaacaa caaccagaac tgccactgcc tgccgggctg ggccccgccc 300  
 ttctgcaaca caccgggcca cgggggcagt atcgacagtg ggccatgcc ccctgagagt 360  
 gtgggtcctg tggtagctgg agtgttgggt gccatcttgg tgctggcggc cctcatgctg 420  
 atgtactact gctgcagaca gaacaacaaa ctaggccaac tcaagccctc agctctccct 480  
 tccaagctga ggcaacagtt cagttgtccc ttcagggttt ctcaaacag cgggactggg 540  
 catgccaaacc caactttcaa gctgcagacg cccaggggca agcgaaaggc gatcaacact 600

ccggaaatcc	tgcggaagcc	ctcccagcct	cctccccggc	cccctccaga	ttatctgcgt	660
ggtgggtccc	cacctgcacc	actgccagct	cacctgagca	gggctgctag	gaactcccca	720
gggcccgggt	ctcaaataga	gaggacggag	tcgtccagga	ggcctcctcc	aagccggcca	780
attccccccg	caccc					795

<210> 1142  
 <211> 1276  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (10)...(1276)  
 <223> similar to gi4176500 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1142						
ggcacgagct	ttggcctaca	ccggctggtg	gagcttgggc	agagctcagg	caagaaggca	60
ggtgactggt	atgggccatc	gctagtggca	cacatcctca	ggaaaagccgt	ggagagctgc	120
tccgacgtca	cccgcctggt	ggtgtacgtt	tctcaggact	gcacagtgtg	caaggcggat	180
gtggcacgcc	tggtggccag	gccagacccc	acagccgagt	ggaagtctgt	ggtcatcctg	240
gtgcccgtgc	gactgggtgg	cgagactctc	aaccccgtgt	atgtgccctg	cgtgaaggaa	300
ctcctgcgtt	gcgagctgtg	cctgggcatc	atgggtggga	aaccgcgaca	ctcactgtac	360
ttcattggct	accaagatga	cttcctgctg	tacctggacc	ctcactactg	ccagcccact	420
gtggatgtca	gccaggccga	cttccccctg	gagtccttcc	actgcacctc	gccccgcaag	480
atggcctttg	ccaagatgga	cccaagctgt	accgtgggct	tctatgctgg	agacaggaag	540
gagtttgaga	cactctgctc	agagctgacc	agggtcctca	gctcctcctc	agccacagag	600
cggtacccca	tgttcacccct	ggccgagggc	catgctcagg	accacagcct	ggacgacctc	660
tgctcccagc	tcgcccagcc	cacactccgg	ctccctcgca	cagggcggct	tccttcaggc	720
ccaaacgccc	cagctctgag	gactttgtgt	ttttataaag	ggaggggatg	aggggaaaga	780
tacaacacta	tttatttttt	tatttatgtc	atgtcgggtg	tgggatcttg	agctctggca	840
gtgatgatgg	tacttcctgt	tgtcagcccc	tcaagcccag	ctgcaaccag	tctggggcca	900
ttcagccagg	gacagagccc	acagagccca	tacacctgtc	tcccaccagc	ggggccctcc	960
tggcagggtg	gggaaggagg	accccgggca	ccccctcag	ggcctgactc	acgtactgta	1020
gtttgcactg	gacgcccggg	ccctccctgt	cccaaagccc	ccttggggga	actgtggctg	1080
ctggggggcca	ataaagctgt	gtaacttgat	cgtgggtgtg	gctgggcgca	gcgttctgag	1140
gggatgtggg	gtctgggagg	tgtctcgagg	tgagagctcc	aagtcacggg	aagtttaagt	1200
cagcctcagt	ttccacatcc	ataaaaatggg	acgacttcct	taccacacagc	tacacgtggt	1260
ttttaatttt	tttttt					1276

<210> 1143  
 <211> 540  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>

<221> misc\_feature  
 <222> (240)...(539)  
 <223> similar to gi4580677 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1143  
 tgtgcgagga attcgaatca ggtaatggag aggactggca tgaagggggc acaggactgt 60  
 gaaaacctga gtgattctgt ccttccctca tcctctatcc ctgaaccagg gcagacatag 120  
 atggaatcag agcaggaggt ggtgttgatg tggtttcagg tccacctatc agagtttgag 180  
 agatttaggc catgaacccat tatgaatata gatgagaacc tttgtaattg ctgaaggagg 240  
 tagtagtgca ggcaagtcct gtgtgcaaga cctgctgctc ccagttagta cggacccctg 300  
 tgacattcac agaagttcag aatgtctgag atgctctgca ggctacctta tctccgtctg 360  
 cagctacacc tccagtgatc acaatcagtg ctacgctggc acagccagcc tggccctgct 420  
 ctggattgga ggcatcctca agggctgctt gctgtggaag cagtttcgct ggaccgagag 480  
 gagccactgg aattttgggt actgggcctt atggtcaccc gggaatggga atggctgctg 540

<210> 1144  
 <211> 807  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(808)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc\_feature  
 <222> (29)...(490)  
 <223> similar to gi5305403 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1144  
 cttctttacg ccttgcgtgg cagcagcggt taatttccct gatcaagcaa cagtaaaaaa 60  
 agctgcctat agcttgccctc gggttggagg agggaccagc tgtggtctgc cacaagccag 120  
 gaggatatca ttggccactc ctgcacagct ttataaattt ccaatatgac tcagcgctgg 180  
 caaagaaggg aaattttcaaa cttcgaatat ttgatgttcc ttaatactat tgcaggacgg 240  
 acatataatg atctgaacca atatccagtg tttccgtggg tgtaaacc aa ctatgaatca 300  
 gaagagttgg acctgactct tccaggaaac ttcaggggatc tatcaaagcc aattgggtgct 360  
 ttgaacccca agagagctgt gttttatgca gagcggttat agacatggga agatgatcaa 420  
 agcccaccct accattataa taccattat tcaacagcaa catctacttt atcctggctt 480  
 gttcgaattg tgagtatctt cattgagtta gcttgccttt ggtaccttaa aattttaaca 540  
 taagtaaatt aaataaaaaa caaatcagtt gtaatttgat taacaaagat tagagacgag 600  
 tgaagtagaa attaaagatt tcaaagtagc aaaatatgaa ttttttttat tgagttgtct 660  
 catttgcaaa attggattag gaagatagtt atctgttgct aggtattatg agcttaaacc 720  
 aaaccagttg tccagttata aaggagccaa aattgagtac ataccnnnnn nnnnnnnnnn 780  
 nnaaggaaag gggctcttcc ttttccc 807

```
<210> 1145
<211> 589
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (164)...(582)
<223> similar to gi5901848 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	1145						
ccatcattac	gcctagcttg	gcacgaggat	ctacgacatc	tacgccatgt	tctctgtgca		60
ctggcacaag	caccagggtca	aagggcattg	aggggacgac	ggagcggcca	gagccccggg		120
cagcacgtgg	gccatagcgc	gtggctacct	gcacaaggag	ttctcatggt	tgctccacca		180
tgccgccatg	gtgctggtgt	gcttcccact	ctcagtgggt	tggcgacagg	gtaagggaga		240
cttctttctg	ggttgcatgt	tgatggcaga	ggtcagcacg	cccttcgtct	gccttggcaa		300
gatcctcatc	cagtacaagc	agcagcacac	actgctgcac	aagggtgaacg	gggccctgat		360
gctgctcagc	ttcctctgct	gccgggtgct	gctctttccc	tacctgtact	gggcctacgg		420
gcgccatgcc	ggcctgcccc	tgctggccgt	gccccgggcc	atccctgcc	acgtcaacct		480
gggcgctgcg	ctgctcctgg	ccccccaact	ctactgggtc	ttctcatat	gccggggggc		540
ctgccgccta	ttttggcccc	gctcccgga	gcccacggac	tggcaaggc			589

```
<210> 1146
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (275)...(402)
<223> similar to gil82395 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 1146						
cggacgcgtc	cgccacgcg	tccgccacg	cgtcgcgtag	aaatttctgt	ggaactccat	60
ttgactttct	atctgtgaaa	tccaaactgt	ctctgaagaa	ataagaaaaa	tagtgttttg	120
acttttagga	gacaactatg	tttattat	tgccttgcaa	attaatgtct	aaatttgtac	180
aagcacctat	ctacagat	ttccaggtaa	accatcatgt	tttatgtgta	aaggtagatt	240
gatgtgcatt	tactttatac	tttggtactt	aggccattac	acatctttgc	actggaattg	300
gtgcagatat	ataagtgatc	ctaattgttg	tgctgccag	acccaggaa	tgcaagggtg	360
agcatgacac	acacagtccc	tgccctgatg	gagctcatag	actagtgaag	gaatagggct	420

<210> 1147  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(402)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (6)...(401)  
 <223> similar to gi4379026 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1147  
 actgtgagca cctgtgtgca gacaaaccag aaaacaagaa gatatggata aattgctgga 60  
 catatacaac ctcccaagat ggaaccagga agatactaata tccatgaaca gaccaacagt 120  
 gagctccaaa aatgaatcag caataaaaatc agcaataaat agcctacaaa caaaaagacag 180  
 ctcaggaaaa gacagattca cagtcataatt ctaccagatg tgcaacaaaag agctggtact 240  
 attcctacta aaacttttgn nnnnnnnnnn nnnngggggg ccgtttttaa ggatccaagt 300  
 ttacttccg cggtgttgca aggaaaaagt ttttttatgg ggcccccaa atcaatttcc 360  
 tgggccgggg tttaacaacg cggtgacggg aaaaacccgg g 401

<210> 1148  
 <211> 484  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (20)...(487)  
 <223> similar to gi5931705 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1148  
 tttttttttt attttttttg ctctgacggg gtttactgat ggttccagca acggaatagt 60  
 ggcttacact gggccaaaag aacaagtcac tgaaactcaa tatcactcag ctccaagagc 120  
 agaattgggt gctgtcattt cagtgttaca agattttaat cagcctatta acattgtttc 180  
 agattctgca tatttagtac aggctacaaa ggatgttgag acagccctaa tcaatcaaat 240

```

atagtatgga tgatcagtta aatcagctgc ttaaattggtt acaacaaact gtaagcaaaa 300
gaaatttccc attttatatt gctcatatcc gagcacatac taatttacca gggcctttaa 360
ctaaggcaaa tgaacaagct gacttggttag tatcatctgc cttcatggaa gcacaagaac 420
ttcaggccct cacctatgta aatgcaacag gattaaaaaa caaatttgat atcgcatgga 480
aaca 484

```

<210> 1149

<211> 644

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (295)...(457)

<223> similar to gi854065 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1149

```

tgccaaattc aatgtttaaa ataggggaac gatcctcttt cttcaagag attttgatgt 60
cagaaagcac tgactcacgc aaagggtccac attttcagat tactggcaa gctggttggt 120
gaggacaagc ttttgactga atcaaagctc agtggtttta aagtggagtt gggcagagcc 180
taggcttttt gtgagggtgc ttaggtgtca ctatgaaggc cagacgaggg agaggggtgag 240
tgtgagttga gtgagtgaga ccggagcttc agccaaaaca gctatacctt tgggtctatgt 300
atatgcatat gtctatatgt gtatatgtat gtatgtgtat gtgtacatgt atatgatatg 360
cgtggataca tgctcatgta tatgcacttg tgcattgtatt tgcatatgta tttgtatatg 420
catttgatg tgtatgtgta tatgcatgta tttttatatt aaatagtggg taacttttca 480
tttcccagca gggtcagatg ctttagaaac atagtttgag attcactgct ttaggaccac 540
atactcatga tgaaagacaa aaacgaaaaa taaacagagt caggagatt aaatctataa 600
ccaaagacaa catgagtatt taatgtcagc tactcaagct ccag 644

```

<210> 1150

<211> 390

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (120)...(347)

<223> similar to gi57053 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1150

```

agaagtaggg caattttctt gagagaaagc acttacataa ttgtactatt tactttttcc 60

```

001488725 "012100

atggagccta	atthttgactt	gaaagaatga	cagactgttg	agagagatgg	ggagaggtta	120
aggagggggc	ccaagtgaac	aatatcagga	atgaaagagg	gggaatatta	ctacagatct	180
tacagacatt	aaaatgatga	taagggaata	tcgtgaacaa	ttccatgccc	ctaaatttga	240
tgacttaaga	gaaattgatc	aactccttca	aagacacaaa	ctaaaactca	ctcaagaaaa	300
aatatgtaac	ctgaatagtc	ctatatctat	taaagacatc	gaattccagc	tgggtgtggg	360
gcatgtggtt	atthgtccag	ctacttggga				390

<210> 1151  
 <211> 1392  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1393)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (10)...(1152)  
 <223> similar to gill113865 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1151						
gaacgttgta	aagtgcagtc	ctccacttta	gtgtcttctc	tggaggcgga	gctctctgaa	60
gttaaaatac	agacccatat	tgtgcaacag	gaaaaccacc	ttctcaaaga	tgaactggag	120
aaaatgaaac	agctgcacag	atgtcccgat	ctctctgact	tccagcaaaa	aatctctagt	180
gttctaagct	acaacgaaaa	actgctgaaa	gaaaaggaag	ctctgagtga	ggaattaaat	240
agctgtgtcg	ataagttggc	aaaatcaagt	cttttagagc	atagaattgc	gacgatgaag	300
caggaacaga	aatcctggga	acatcagagt	gcgagcttaa	agtcacagct	ggtggcttct	360
caggaaaagg	ttcagaattt	agaagacacc	gtgcagaatg	taaacctgca	aatgtcccgg	420
atgaaatctg	acctacgagt	gactcagcag	gaaaaggagg	ctttaaaaca	agaagtgatg	480
tctttacata	agcaacttca	gaatgctggg	ggcaagagct	gggcccaga	gatagctact	540
catccatcag	ggctccataa	ccagcagaaa	aggctgtcct	gggacaagtt	ggatcatctg	600
atgaaatnga	ggaacagcag	ctgctttggc	aagagaatga	gaggctccag	accatggtac	660
agaacaccaa	agccgaactc	acgcaactcc	gggagaaggt	ccgtcagttg	gaatccaatc	720
ttcttcccaa	gcaccaaaaa	catctaaacc	catcaggtac	catgaatccc	acagagcaag	780
aaaaattgag	cttaaagaga	gagtgtgatc	agtttcagaa	agaacaatct	cctgctaaca	840
ggaaggctcag	tcagatgaat	tcccttgaac	aagaattaga	aacaattcat	ttggaaaatg	900
aaggcctgaa	aaagaaacaa	gtaaaactgg	atgagcagct	catggagatg	cagcacctga	960
ggtccactgc	gacgcctagc	ccgtcccctc	atgcttgagg	tttgacagctg	ctccagcagc	1020
aagcctgtcc	gatgggtgcc	agggagcagt	ttctgcagct	tcaacgccag	ctgctgcagg	1080
cagaaaaggat	aaaccagcac	ctgcaggagg	aacttgaaaa	caggacctcc	gaaaccaaca	1140
caccacaggg	aaaccaggaa	caactggtaa	ctgtcatgga	ggaacgaatg	atagaagtgtg	1200
aacagaaact	gaaactagtg	aaaaggcttc	ttcaagagaa	agtgaatcag	ctcaaagaac	1260
aagtgagcct	acctggtcat	ctctgttcac	ccacctcaca	ttccagcttt	aactccagtt	1320
ttacatccct	ttattgccat	taactcggtta	acttatgttg	gctaataaaag	gcaaatttcta	1380
ttaaaaaaaa	aa					1392



<210> 1152  
 <211> 364  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (5)...(367)  
 <223> similar to gi4062319 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1152  
 ctggaacgta attgcggcga aaaagtgacg ctgaagggat actggaaaat gctttctggc 60  
 aaattgcgct caatgaggat ggttctctgc aactggtaga taaagacagc ggtgtgcgct 120  
 atgaccgggt attgcaaatt gaagaaagct ctgatgatgg tgatgaatat gactattcac 180  
 ccgcaaaaga agagtgggta attaccgcag cgaacgcgaa accgcaatgc gatattattc 240  
 atgaagcctg gcagagcagg gctgttatcc gctatgacat ggcagtgccg ctcaatttgt 300  
 cagaacgcag cgcacggcag tccactggca cagtagggga ggtgttggtt gtcgctctta 360  
 ctga 364

<210> 1153  
 <211> 455  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (32)...(456)  
 <223> similar to gi3868720 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1153  
 actcattcaa tgtccgtacc cgtacaacgg cgagactggc ataaccctgg cgctacccaa 60  
 ccgattctgc ttggaccaga aaactactgg ggcaactacc cgaaattctt cgtctctatg 120  
 atgaaggcct tctttgggtga taaagcgacg gcggaaaata gctggggcct tgactggttg 180  
 ccgaagtggg ataaaggcta cgacgtcctg caatacttcg agatgatgaa agagggcaag 240  
 gtcaatggct atatctgccca gggctttaac cctgttgcct cattcccga caaaaacaaa 300  
 gtgatcgggt gtctgtcgaa actgaagttc ctgcgtcacca tcgaccact gaacactgaa 360  
 acctctaact tctggcagaa ccacggtgag ctgaacgaag ttgactcgtc gaagatccag 420  
 accgaagtgt tccgtctggc atcgacctgc ttcgg 455



<211> 364  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(366)  
 <223> similar to gil651266 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1156  
 gttacaccct atgtggcggg ttcggcattg agcgccgggg tgatcacgcg caatacgacg 60  
 ctgtttgacc cagggctggg ggcaactgcc aggttcggaa aaacggtatc gtgactggaa 120  
 aaaatggggc cacgggcgct tgaatgtcac aagatcgctg gaagaatctg cggatacctt 180  
 cttctatcag gtggcctacg atatggggat cgatcgctc tccgaatgga tgggtaaatt 240  
 cggttatggg cattacaccg gtatcgacct ggcggaagaa cggtccggca acatgcctac 300  
 ccgcgaatgg aaacagaaac gctttaaaaa accgtgggtat cagggtgaca ccattccggg 360  
 tggt 364

<210> 1157  
 <211> 665  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(650)  
 <223> similar to gi3850752 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1157  
 atcttcgctg gagcagggct tccagaagcc tgctcaggcc gttaaccgtg acgttgtgat 60  
 cggcgaaact atcaccgttg gcgaactggc gaacaagatg gcgggttaaag gctctcaggg 120  
 catcaaaagc atgatgaaac tgggcgcaat ggcaaccatc aaccagggtta tcgatcagga 180  
 aaccgcacag ctggttgctg aagagatggg ccataaagtt atcctgcgctc gtgaaaacga 240  
 gctggaagag gcggtaatga gcgaccgtga cacgggtgct gcggctgaac cgcgcgcgcc 300  
 ggttgtgacc atcatgggtc acgttgacca cggtaaaacc tctctgctgg actacattcg 360  
 ttcaacgaaa gtggcctctg gcgaagcggg cggcattacc cagcacattg gtgcatacca 420  
 cggtgaaact gaaaacggca tgatcacctt cctggacacc ccggggcacg ccgcgtttac 480  
 ttcaatgcgt gctcgtggtg cgcaggcaac ggacatcgta gtcttggttg ttgctgccga 540  
 cgacgggtgtg atgccgcaga ccatcgaaagc aatccagcac gcgaaagctg cgcagcaacc 600  
 ggagtatagt tgcagtgcgc aagatctata acacacaagc tgatctccgg gtacggacat 660  
 agaat 665

<210> 1158  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (18)...(311)  
 <223> similar to gi4494984 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1158  
 cacagctccc tgtccatcct ccagtgtggg ctccccctcca tcccaggacc cctcacagct 60  
 ccctgtccat caccagtggt gggctcccct ccattcccagg acccctcaca gctccctgtc 120  
 catcttccag ggggggctcc cctccatccc aggacccttc acagctccct gtccatcttc 180  
 cagtgtgggc tcccctccat ccaggagccc cctcacatct ccctgtccat cctccagtgt 240  
 gggctcccct ccattgcagg acccctcata tctccctgtc catcaccag tgtgggctcc 300  
 cctccatccc a 311

<210> 1159  
 <211> 207  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (5)...(207)  
 <223> similar to gi3170252 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1159  
 tgcggactca cctgggaacc cccagggga ctacactggg gaccacactg gggactcacc 60  
 tggggactca cctggggact cacctggtga ctacatggg gaccacactg gggactcacc 120  
 tggggaccac ctgggcacca acctgagtaa tctcgggaac actagcgtgt gtcacactcc 180  
 tggcgatcta cggcgacgga cattgaa 207

<210> 1160  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (3)...(351)  
 <223> similar to gi4926918 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1160  
 ttaagcagaa gaatgtggcc aggcagctga acaaggctcc atccagtgcc atcctcctat 60  
 cagaggaaga ctgtcccgtg ctcatcctata ttctgtgttc agatctggct caggaactaa 120  
 gccaaaggctg tgccaccatc caggttcgca ggacgcgctc cagcaggtgc ttcacagagg 180  
 aagtgggtctg tccgggcagc tcctggagct gtacctcctg gttttggaga aagagggcag 240  
 cctcttgtca aggcaagagg agtccaaagc agcctttggt gatgaggcag aggcagtaga 300  
 catgatcttg acaaaaagac ctccctctgg ctgggggcag tggatcatgc ttgtgttggc 360  
 agcgctaggg tagtcccagt cgggcagatg ta 392

<210> 1161  
 <211> 584  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (14)...(584)  
 <223> similar to gi3925755 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1161  
 gctggagtca ttgcctggtt tcaaagagat tgtgagcagg ggagtaaaag tggattactt 60  
 gactccagac ttccctagtc tctcgtatcc caattattat accctaata ga ctggccgcca 120  
 ttgtgaagtc catcagatga tcgggaacta catgtgggac cccaccacca acaagtcctt 180  
 tgacattggc gtcaacaaaag acagcctaata gcctctctgg tggaatggat cagaacctct 240  
 gtgggtcact ctgaccaagg ccaaaaggaa ggtctacatg tactactggc caggctgtga 300  
 ggttgagatt ctgggtgtca gacccaccta ctgcctagaa tataaaaatg tcccaacgga 360  
 tatcaatctt gccaatgcag tcagcgatgc tcttgactcc ttcaagagtgc gccgggcccga 420  
 cctggcagcc atataccatg agcgcatatga cgtggaaggc caccactacg ggccctgcac 480  
 tccgcagagg aaagatgccc tcaaggctgg tagacactgt cctgaagtac atgaccaagt 540  
 ggatccagga gcggggcctg caggaccgcc tgaacgtcat tatt 584

<210> 1162  
 <211> 1389  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1389)  
 <223> similar to gi3688436 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1162  
 gagcctgcaa tcctggagtg ccaccctccc cggggccacc cagaaccctc catttactgg 60  
 aaaaaagcca aagttcgaat tgatgccaaag gaagaaagaa taagtatccg tgggtgaaaa 120  
 ctgatgatct ccaataccag gaaaagtgat gcagggatgt atacttgtgt tgggtaccaat 180  
 atggtgggag aaagggacag tgaccagca gagctgactg tctttgaacg acccacattt 240  
 ctcaggaggc caattaacca ggtggtactg gaggaagaag ctgtagaatt tcgttgtcaa 300  
 gtccaaggag atcctcaacc aactgtgagg tggaaaaagg atgatgcaga cttgccaaga 360  
 ggaaggatat acatcaaaga cgattacaca ctaagaatta aaaagaccat gagtacagat 420  
 gaaggcacct atatgtgtat tgctgagaat cgggttgga aaatggaagc ctctgctaca 480  
 ctaccgtcc gagctcgccc tgttgctccc ccacagtttg tggttcggcc aagagatcag 540  
 attgttgctc aaggtcgaac agtgacattt ccctgtgaaa ctaaaggaaa cccacagcca 600  
 gctgtttttt ggcagaaaga aggcagccag aacctacttt tcccaaacca accccagcag 660  
 cccaacagta gatgctcagt gtcaccaact ggagacctca caatcaccaa cattcaacgt 720  
 tccgacgcgg gttactacat ctgccaggct ttaactgttg caggaagcat tttagcaaaa 780  
 gctcaactgg aggttactga tgttttgaca gatagacctc cacctataat tctacaaggc 840  
 ccagccaacc aaacgctggc agtggatggt acagcgttac tgaaatgtaa agccactggt 900  
 gatcctcttc ctgtaattag ctggttaaag gagggattta cttttccggg tagagatcca 960  
 agagcaacaa ttcaagagca aggcacactg cagattaaga atttacggat ttctgatact 1020  
 ggcacttata cttgtgtggc tacaagttca agtggagagg ctctcctggag tgcagtgtcg 1080  
 gatgtgacag agtctggagc aacaatcagt aaaagctatg atttaagtga cctgccaggg 1140  
 ccaccatcca aaccgcaggc cactgatgtt actaagaaca gtgtcacctt gtctcggcag 1200  
 ccaggtagcc ctggaaccct tcagcaagt gcatatatca ttgaggcttt cagccaatca 1260  
 gtgagcaaca gctggcagac cgtggcaaac catgtaaaga ccaccctcta tactgtaaga 1320  
 ggactgcggc ccaatacaat ctacttattc atggtcagag cgatcaaccc caaggtrtca 1380  
 gtgacccaa 1389

<210> 1163  
 <211> 939  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(934)  
 <223> similar to gi32645 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1163  
 ccaagacctg ctttgaaaag gctctggaag ggaaccctga aaaccctgaa ttcaatactg 60  
 ggtacgcaat caccgtctat cgcctggata aatttaacac agcatcaggg aggaataagg 120  
 cattttctct gcacgtccta aaacgagctg tcaggctaaa tccagatgat gtatatatta 180  
 gggttctcct tgccctgaag cttcaggatg aaggacagga agctgaagga gaaaagtaca 240

```

ttgaagaagc tctgaccagt atatcttcac aggcctatgt ctttcaatat gcagccaagt 300
tttatcgaag aaaagggtct gtggataaag ctcttgagct cttaaaaatg gccttggaga 360
caacaccacac ttctgccttc ctgcatcacc aaatggggct ttgctacagg gcacaaatga 420
tccaaatcaa ggaagctaca aactggcagc ctagaggggc aagataggga aactgtggac 480
agattgggtc aattggctat atgcaaattt gaaaagacta taatgttaaa gcgaacattt 540
gagatggcct atgttgacct ggctgaaacg tatgcagaaa taggccacca cagaaaggct 600
gaggaacatt ttcagaaaagg gttacgcatg aagatctttg aagatcagct aaagcaagag 660
attcattacc actacggccg tttccaagaa catcatggga aatctcaaga taaagcaatt 720
acccattatt taaaagggtt gaaaatagaa aaaatgtccc attccaggga aaaacttctc 780
aatgctttag agaaattggc taaaagatgt attcaccaga atgtacgggt tgtggaaagt 840
gtcagcctcc ttgggcttat ccacaaattg aaaggagaag taagtgatgc tttgctgtgc 900
tatgagaggg ctctgaggct ggctgctgac ctgaaccct 939

```

```

<210> 1164
<211> 914
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(915)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (914)...(1)
<223> similar to gill45789 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1164
ggaggcaggc gcgtgggtggt ggtgaaaagc tccgtgtgca gggtgtgcag gtggggcacg 60
agctccagcc agaaggccac cttgttggcg cggtagttgt cacgcacgcg tggcttcagg 120
cctatgtgca gatactgctt ctcttgctg ttgaatttgc tccacaccac ctctcgaag 180
cgattgggct tgggtgtggat gaacttggtt tcctgcggca ccggctggtt ggggtcccca 240
gtcttggcga agttgggtcca gtaggtcatg accacggcac tgagcatgac gtcattcttg 300
gagaagttac aggggaagag gtcggtggca cccaccatgg gcacgccaaa gacatagggc 360
agttcatccc cgtgcgccgc atctgcccac tcaggccggc cctccgcctg gcagtgggtg 420
tagaagggtg aaaagtagac gggagactgg tagtcggcgt gcagcttggc agtggccaca 480
gctggtgcca ccattgggtg gtcagtaaag agcgccagca gggttttgcg gcgcatttcg 540
ccattgtccc ggtcggccca gtctgtgtac ataaacttga tggctctccc aagcacatcc 600
ttgccttccg ggtagccata caggttgtcc acaaagttgg agacagtga gtcaaaggcg 660
ctggcagaca caccgtcctc gctctctgca ggtcctcca cgaacttgag gccctctccc 720
tggttgacgc cgatgagcat gtcgtagtgt aggaattctc cctgctgcat gaggatctca 780
tggtcacgcg ggaccacgtc gccatccacc acggggccca aaggcgatgt ggtaaccggg 840
caggctgcac gtccttggtc caccaacttc ccgggaggct ttccggggcg aganacttca 900
cagcttaaca ctgt 914

```

<210> 1165  
 <211> 788  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (162)...(494)  
 <223> similar to gi4650844 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1165  
 atgggcgtca tgaataacat gcggaaacag tgattttaaat ctaccaccca gctgtagttg 60  
 aatctacaat ctgctcaggg atttatactc aatgccaat tgaatcatg ctgggagggg 120  
 ctgattgcag aaccttcttg acaagccaca taaatctaaa gaaaacgttg tgtgacgtga 180  
 tcctcatggt ccaggaaaga aagatacctg ctcatcgtgt tggtcttgct gcagccagtc 240  
 atttttttaa cttaatgttc acaactaaca tgcttgaatc aaagtccttt gaagtagaac 300  
 tcaaagatgc ctgaacctga tattattgaa caactgggtg aatttgctta tactgctaga 360  
 atttccgtga atagcaacaa tggtcagtct ttgctggatg cagcaaacca atatcagatt 420  
 gaacctgtga aggaaaatgt gtgtggattt ttttgaaaga accaagttgg atgctttcaa 480  
 attgtcttg agaagccaga aaaagttgat cagagccttt ccagagtgtg gtatgctttt 540  
 cactgtgtga tgatccttag tggcacatga atgaacgtcc agatgtttgt gcagtagccc 600  
 acccttatct gcaggatacg ttccaagacc cccagtgaat gcctgaaact gcagatagta 660  
 ctgaatccta tatatactgt gttttttatg atacatacat gcctatgatg aagtttaatt 720  
 tctaaattag acagtaaaag attaacaaca ataataataa aatagaacaa ctttaacaat 780  
 aaaaaaaaa 788

<210> 1166  
 <211> 810  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(807)  
 <223> similar to gi3880930 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1166  
 cgcccagtgg ctgcgctggg acaagaattc cttaactttg gaggcagtga aacgactaat 60  
 agcagaaggt aataaagaag aactacgaaa atgttttggg gcccgatgg agtttgggac 120  
 agctggcctc cgagctgcta tgggacctgg aatttctcgt atgaatgact tgaccatcat 180  
 ccagactaca cagggatttt gcagatacct ggaaaaacaa ttcagtgact taaagcagaa 240  
 aggcatcgtg atcagctttg acgcccagagc tcatccatcc agtgggggta gcagcagaag 300  
 gtttgcccg cttgctgcaa ccacatttat cagtcagggg attcctgtgt acctcttttc 360  
 tgatataacg ccaacccctt ttgtgccctt cacagtatca catttgaac tttgtgctgg 420



aatcatgata	actgcatctc	acaatccaaa	gcaggataat	ggttataagg	tctattggga	480
taatggagct	cagatcattt	ctcctcacga	taaagggatt	tctcaagcta	ttgaagaaaa	540
tctagaaccg	tggcctcaag	cttgggacga	ttctttaatt	gatagcagtc	cacttctcca	600
caatccgagt	gcttccatca	ataatgacta	ctttgaagac	cttaaaaagt	actgtttcca	660
caggagcgtg	aacagggaga	caaaggtgaa	gttttgtgca	cacctctgtc	catgggggtg	720
gtcatagctt	tgtgcagtc	gctttcaagg	cttttgacct	tgttcctcct	gaggctgttc	780
ctgaacagaa	agatccggat	cctggagttt				810

<210> 1167  
 <211> 431  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(310)  
 <223> similar to gi5162960 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1167	
ccctgtaaag	aaaactcggt ccattggctc tgcagtagac caggggaatg aatccatagt 60
tgcaaaaact	acagtgactg ttcccaatga tggcgggccc atcgaagctg tgtccactat 120
tgagactgtg	ccatattgga ccaggagccg aaggaaaaca ggtccattga atttgtgact 180
aaactggcct	gtgtaaaaca actagcaaaa ttttggagag ttggtttctt agaaccctct 240
ggaggcgggg	attggatgta ttgggtagtt tcttactgct gcataccgag gaccagagaa 300
ctgcttgtgt	catgctttac ctttgaattg ctagccactt ggcataactt tagtttttct 360
tgaaactgtt	tttttacata gccattagtt ctcacttttg gctatgataa cagattactg 420
tttatctccc	a 431

<210> 1168  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(360)  
 <223> similar to gil743885 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1168	
atgcagttca	tgatctcagt tggatgtatg gtgactgaga caattgccca gaatcaaagt 60
catgtgcagg	attctactga cttcggtgtg agttggaatt atctgggtccc tcagtgtctg 120

```

cctgctgacc caagatgctc tggaagtgt tctcagccat cagtattctt tccacctaac 180
gggtggaaaa ggatcactta cccactttct gaaagcttag tgggaaaccc cgtgagggtt 240
aagttctatc agaagtactc aaacatgcag tgggtccatcg ataatttcta cctgagccct 300
ggatgctagg acaactgcaa gggccatggc aattgcttaa tggaacagcg catttgctg 359

```

<210> 1169

<211> 348

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(296)

<223> similar to gi5734705 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 1169
gccttcctcc taccctccag aagcaattcc atcctcctct ccttcagAAC cacccttgac 60
caccagcgcc ccctgctgcc accttccttc tccgctgagt cctcagccag ggggacctga 120
acaagtctgc acgtcctgtc cccactttgt ccttgccctcc cctactcctg caccctccac 180
tgtcttgctt tccgttccac gtaaccctca gcagagtccc cactcacctc ctgacagctt 240
tccttctaaa ctgtcttact ataaaagaaa gcatagatag aaaaagcac ataaaccaat 300
ataaagctta gtgggtttcc ataagacaaa cacctttgaa ttccacgc 348

```

<210> 1170

<211> 365

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(367)

<223> similar to gi34339 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 1170
caagcaaagt ggggatgtca cctgcaactg cactgatggg cgcttgggcc ccagctgcct 60
gacctgcgtc ggccactgca tttttggcgg ctactgtacc atgaacagca aaatgatgcc 120
tgaatgccag agcccacccc acatgacagg gccccggtgt gaggagcacg tcttcagcca 180
gcatcagcca ggacatataa cctccatcct aatccctatg ctgtagctgc tgctgctggt 240
tctggtggcc ggagtgatat tctgccataa acggcgagtc caaggggcta agggcttcca 300
gcaccaacgg atgaccaacg gggccatgaa cgcgcagatt gcaaacccca cctacaagat 360
gtacc 365

```

<210> 1171  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(381)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (41)...(226)  
 <223> similar to gi434983 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1171  
 gtctgtggga gactcccttc agtgtgctgg gacttgggca caggggacat gcctgatgct 60  
 agattaatta tttttaacat ctgatatttg gctttagaaa ttcaacccaa aaatcttcac 120  
 aacgaagcag aataatggtg gttctgcgaa gcctaactgt ccgtactgct gctgtgctgt 180  
 tggcagcaag gaccgctcgc tttctgactg ggtgagcctg ctatcctgag cttttgatgc 240  
 aggacggtag gtgtaagttg gtaaagtaga ccgtggagga aagagacctg ctttgggtga 300  
 tgctaagagt gtatttctat tctgcacctg gggtcagtcc ctgcttgga gctcacaggc 360  
 tctcctgctt taccagaagn 380

<210> 1172  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(361)  
 <223> similar to gil619936 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1172  
 ggctataaga tcagcataca aaagtatata ctatcatgga cacatgaaaa ttgagattta 60  
 aagtacagta gcacttatac ttgttcaaaa gaaatctaaa tactgaacta taaattgatt 120  
 aaacatgtac aggacttatg tactgaaaac tactaactgc tgataaaaaca aacaaaagac 180  
 aacctaataa catggagata cataactgat ataaagttta atgcaattcc taccaaaaat 240  
 ccagcaagat ttttttgcaa ttataaacat gagtattcta aaattttatg gaaaggtaag 300

ggagctagaa tagctaaaac cagtttaaca aaagaagaaa atagaggaaa tcactctatc 360

<210> 1173  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (4)...(350)  
 <223> similar to gi763431 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1173  
 acgtgggtaa cctttattcc ccttctttgt ctcttttaggt cggctcattc cacgtgtgtg 60  
 tttcatcgag atgcacacca gagtgagggt gctcatcggt ttactgattt gtgagaacac 120  
 tgtttccaag ccttgctcgtt gattgccttt gctcatgata ttcagcagtg ctcatattgaa 180  
 gatcatgtct gattatcgaa tgaactaact gaatttgccc tgacatgtgt tgctgctgac 240  
 ttacctgata actgtgacac atcacttcat accctgtttg gcgacacatt atgcacagtt 300  
 gctgctcttc atgaaacctt tggcgaaatg gctgactgat gtgcaaaata ataac 355

<210> 1174  
 <211> 509  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (183)...(54)  
 <223> similar to gi4240130 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1174  
 tcaccgtgaa ggaaaacctc agcctgttgg ctaaaatgaa agggattcat cttaaaggaag 60  
 tggaacaaga ggtacaacga atattattgg aattggacat gcaaaacatt caagataacc 120  
 ttgctaaaca tttaagtga ggcagagaaa gaaagctgac ttttgggatt accatttttag 180  
 gagatcctca aattttgtct ttagatgaac caactactgg attggatccc ttttccagag 240  
 atcaagtgtg gagcctcctg agagagcgta gagcagatca tgtgatcctt ttcagtaccc 300  
 agtccatgga tgaggctgac atcctggctg atagaaaagt gatcatgtcc aatgggagac 360  
 tgaagtgtgc aggttcttct atgtttttga aaagaaggtg ggggtcttga tatcacctaa 420  
 gtttacatag gaatgaaata tgtaaccag aacaaataac atccttgcac tacttcattc 480  
 acatccccga tgcttaaatt taaaaacag 509

**00000000000000000000**

[illegible]

**00000000000000000000**

**00000000000000000000**

<210> 1177  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (102)...(325)  
 <223> similar to gi4589586 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1177  
 tatattttatt attttataac tattactaaa tatatactgg tatattttggt taatgtcgca 60  
 tttattttcctt cttaatgata tactctcttt ttcacatcttt aaatgacatg aacaatgctt 120  
 acaacctgca tacttttgat acttgtctaa aacttgatga tactgtctat cttatgtaca 180  
 tagccttgct actccacat ctgccgctgt agctgccatc ttcacataca aatgcaaagg 240  
 tggcatatgt gcctatcatc cttctgtgac gtgaatgaca cttctcaaag gatgtgcaact 300  
 tgccacacaa ttatcatatc ttcattgggac attatatgat ttcctttcat tttattgtat 360  
 ttatttttctt ttttttctta ccaaaaaaat cagaatttgt tgccac 406

<210> 1178  
 <211> 426  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (189)...(429)  
 <223> similar to gi3255965 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1178  
 ctcttggttag gtgcttgaac ataaattctg agttgagagg cccgaatttg tagttgtagt 60  
 ctattttaaaag ttgctgttca agataggatg ttgaagttgg tttaatttct cagctccagg 120  
 actgtgaact tgggtgggtgc attcccttaa aagtctttcc agccgtgttt aggcttcctc 180  
 tgagcctgca cacattcctg cccttgcccc tctccaggac cttggccttct ggtgggtgatg 240  
 gtgcaacttc tgcttcctgc tgcagggtgcc ctggggctgt gagtatctcg tgactgtagc 300  
 aaactgtggc ttctccttag gtgctggtgt ttgtccactc ccggaaggag actggaaaga 360  
 cagccagggc catccgggac atgtgcctag aaaaggacac tctgggtctg tttctgaggg 420  
 agggct 426

<210> 1179  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (13)...(295)  
 <223> similar to gi300482 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1179  
 cggccgcgctc gacatatcgt gcaccaccat gcaagaagtt tcctcactaa acaaggggtcc 60  
 tctatcatta atccctcttt aataaaaaacg cttctcaacg ccgcttaact tccaaaggaa 120  
 gctagagtca ttactgcaa ggggcatcaa aaggcatcag atcccattgc tctaggcgac 180  
 gcttacgctg attaggtggc tagacaagca gctagcattc caacttctgt ccctcacagc 240  
 cagtttttct ccttcacgtc agtcactccc acatactccc ccactgaaac ttcc 294

<210> 1180  
 <211> 484  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (209)...(393)  
 <223> similar to gi2895870 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1180  
 ttttattgat ttagaattaa aattttgagg ctcatacttt aattttgttt attgtaaagt 60  
 cattaactgc ctgcctttta aaataagtga catttgattg cattaaattt tgcatttaca 120  
 aatatgcaat ctactaaaaa gtctaccaca tggcttattt tgacccattt gtttgagac 180  
 ttttcattgt ttcttttctt ttatgtctaca gatggggaca cctgtcacia gctcaagtac 240  
 agcttcatcc aattcagaaa gtctgtctgc atcttataaa gctctgtttc ctacacagc 300  
 acaagtacgc aggaagttgc agttttaaag tggttaaagt gctttataac ttaacccttt 360  
 ggaccctact taaaaaatga atatttttcc aaaaatatac tgtgtttact tttttaagc 420  
 aaaattaatg ctatataagt caaatggtat ttaaaccctt gccttcatac taaacaaaac 480  
 tacc 484

<210> 1181  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (25)...(336)  
 <223> similar to gi5689453 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1181  
 gtgactattc ggggtgcggg gattcccgat gagtccagaa atgtgaacta tagtttggt 60  
 agcttcctga agcgcgtggt gacactaatg gatagaggat ttattttcaa ttaataaat 120  
 gactatatat ctggattcag ccccaaagat cctaagggtt tggctgaata caagtttgaa 180  
 tttctgcaaa caatttgcaa tcacgaacat tacattcctc tgaacttgcc aatggcattt 240  
 gcaaaaccta aactgcagcg ggtttaagat tcagatcttg aatacagttt atcagatgag 300  
 tattgcaagc atcacttctt gggtggtcta ctcc 335

<210> 1182  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (64)...(365)  
 <223> similar to gi61785 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1182  
 caagcagcta tgggcaactc aagggtctaa aagaaaaccc caaccctgct gcttctacta 60  
 gaaccttcct tacctgaaac cccaagctac tctcccaatg aaaaagcttg gtttgaacaa 120  
 gagagcggaa gttacatata aggaggcagg tggaagttct cagatgggag gctagctatt 180  
 ccggaagcaa tagccccca atttatgaag cagtttcatc agggaaacaca catgggaaag 240  
 actgcattat aaactcttgt aggatggcat ttctatgtgc catgccttac tgccatcact 300  
 cgagccgttt gtgagcaatg tttaacctgc gcccagaaca atccatggca agtgccaact 360  
 cagccccag gga 373

<210> 1183  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (7)...(359)  
 <223> similar to gi292037 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1183  
 tttcgtgcta tgttcttggc tgttcaacac gactgcagac ccatggacaa gagcgcaggc 60  
 agtggccaca agagcgagga gaagcgagaa aagatgaaac ggaccctttt aaaagattgg 120  
 aagacccgtt tgagctactt cttacaaaat tcctctactc ctgggaagcc caaaaccggc 180  
 aaaaaaagca aacagcaagc tttcatcaag taagttgaga atcctgagct tgcaaatac 240  
 aatagtttag tgctgaactg aaaaggggaa ctctgatgag cgtaagctaa catacagaac 300  
 ctctcttgca ggccttctcc tgaggaagca cagctgtggt cagaagcatt tgacgagg 358

<210> 1184  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (124)...(37)  
 <223> similar to gi3043684 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1184  
 cttcatcaaa tgtttgatatt agccatctct gagaaactaa acaattctaa acccaatcat 60  
 taatgctcaa agaaaatgta aggaaatgtg taaatccatt taattacaaa ttattttttt 120  
 accttacaga gtagtaaaca tgacaagatg ttttctctca gttccatgaa gttttatcgt 180  
 ggagtgaana agaaaatgaa gcctccaaca aggtaaagtt tgaaagggaa gtgctgaaag 240  
 gaaaaactta tgggaaaaat atgtctatatt aaggatttag ggatcagtggt cattagtcta 300  
 actttttata aagtaagttt taggctatatt tttttaagtt gcttcccctg tcacagggtt 360  
 ctt 363

<210> 1185  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (8)...(273)

<223> similar to gi5306259 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1185

```
ctctgtacca tcctgggctt cccttccctt ccctctccca tctcaatgcc tcttactcct    60
tcctctcccg ccatctgtct ccaaacctta ctctgtctc taccacacct ctgctaatta    120
ggcatctcct tcctcaccct tttgtctacc aactcctctg cctgtgactc ctgagtctaa    180
cctctactct accctggccc cacccttgcc ctccagactc acatctccac caccttgctg    240
aaacttccca ccaggatgcc caccagtgcc tacaacttgc tgtctgtagc taaactaatc    300
tccacagttc aggtgctgcc ctgactttct catttctttt gagggcacca ccaccattct    360
cctactcact tgactc                                     376
```

<210> 1186

<211> 451

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (72)...(436)

<223> similar to gi63568 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1186

```
atagagcgcc ttacttgctg agccataatg catgtgccga cactcgctgc cgattcgaca    60
cttaagtagg agagccatac atagattggg atgaatttcc ggaattatta tctaggactg    120
ctgtacgggc gagaaagata cctatctctg atactatcta aaagacgaag gctaaacaag    180
ttgtcaagtt attaagcaac ataagatcac aagcagttgg aataactaatg tctagccttc    240
atttagatat gaaagacata caacatgctg ttgtgaactt ggataattct gtgggttgacc    300
tgagagacct tcaagctctc tatgagaata gagcacagtc tgacgaactc gaataaatag    360
aaaagcatgg ccgatcttcc aaagacaagg aaaatgccaa gtctctggac aaacctgaac    420
agctttatatt ccttaggttc ctttatgaac t                                     451
```

<210> 1187

<211> 391

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(392)

<223> similar to gi29391 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 1187
gcggtagcga tcgctgcagc gagggctctgg aggctaaacc gtggcttgag ccaggctgcc      60
ctcctgctgc tgcggcagcc tggggctcgg ggactggcta gatctctgga tgacaagccc      120
cagttcccag gggcctcggc ggagttgata cgacattagt aattcatcca gcccatcgtc      180
atctctggaa taccatcta ccgcggcatg gaccgggctg gccagatcat caaccccatc      240
gaggaccccc acctgccgaa cgagaagggtg ctgaagctct acaagagcat gacactgctt      300
aacaccatgg accgcattct ctatgagtct cagcggcagg gccggatctc cttctacatg      360
accaactatg gtgaggaggg cacgcacgtg g                                     391

```

:

```

<210> 1188
<211> 397
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (6)...(382)
<223> similar to gil332522 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1188
aactagtaga atatgatatg cttcgggaga tggtcagtga ttctagaagt aacaatgatg      60
atgatgagga tgaggatgat gaagatgagg atgaggatga ggatgaggat gaagatgaac      120
acaagaaca ggaggaggaa gattgggtctg aagagtatct gtaacggcag ctgcaggccc      180
cgtttattga atctggccag tatagggcat atgatggtag cagatcaata gtcattggcaa      240
ttctcattcc cattgtcaag aatgcgagcc agctccgtag gattcacatt gaagcactaa      300
gactgaagga tctcatcatg aacgtggact acctgacact cacgaatcat tttcagtcgt      360
tgctggagct tcttgaggta ctggatgagc attaccg                                     397

```

```

<210> 1189
<211> 388
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (107)...(390)
<223> similar to gil87577 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

001210 5228450

```
<400> 1189
agagaacata ttcagggtatt tgggactctc atcttactac tgtgttttagc attttaagaa      60
cattagaact atttgttgaa tggattttttt taatgtactt tttttcaagc ttaatgaaag      120
taaaattgtt aaacaagctg gagttgccac aaaagggccc aatgaatata ttcaagaaat      180
agaatttgaa aacttggtctc caggaagtgt tattatattc aggtatgtta attgagctca      240
aactgttgac tttacttata tttaaaatag tttgcatatc ctgttaaatt tgaataaatt      300
actcctaaaa attaaccact ttttaattaa cattttcaga gttagtcttg atccacatgc      360
acaagtcgct gttggaattc ttcgaaat                                     388
```

```
<210> 1190
<211> 400
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (178)...(398)
<223> similar to gi1017427 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 1190
ttcttcttgg ctttgcttga gcagttcaaa tgcttgaaga agacctcgga agtcagtgat      60
tccatacatg cgggcatatt tttcatattc tttaggatca acatttttga gaagttccat      120
gatatacaatt tcctcttctt ctccagctcc tttctttaag attggagtcc taaataaaat      180
ttaaaaaagta aggataaaac acctgtcttc tacttatttt taattgtcta tcatcattca      240
aagattatat acttcattaa ggttttctat gttctttatt caataaatat taattttacc      300
atgttagctg tgaaacaatt taaaaatgtg ggtttggaaga tggagtcgat taagatcaga      360
tggaatagga ccattgtaat aaaatataga tgtaggaatg                                     400
```

```
<210> 1191
<211> 375
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(376)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (3)...(378)
<223> similar to gi2565048 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```

<400> 1191
tgtcagcatc acctcagact ctccagcaat ccctccctag gtcaatcgct cccaaaccct      60
taaccgtgag actcccatg aaccagattg tcacatcagt caccattgca gccaacatgc      120
cctcgaacat tggggctcca ctgataagct ccatgggaac gaccatggat ggctcagcac      180
cctccaccca agtgagtcct tcggtgcaaa ccagcagca tcagatgcaa ttgcnnnnnn      240
nnnnnnnnnn nnnnnnnnnn nagatgcaac agatgcagca gcagcaactc cagcagcacc      300
aaatgcatca gcaaaccag cagcagatgc agcagcagca ttttcagcac cacatgcagt      360
agcacctgca gcagc                                     375

```

```

<210> 1192
<211> 369
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(372)
<223> similar to gil017722 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1192
ataaattata caaatgtgaa gaatgtggca aagcttttaa caaatcctca tccattagta      60
aacataagat aattcatact ggagagaaaa cctacaaatg tgaggaatgt ggcaaagcct      120
ttagcctgtc cctccaattt actgcacata agataattta tactggagag aagccctaca      180
aatgtgaaaa atgtggcaaa ctttttaacc aatcctcaac cttactaca cattagataa      240
ttcatgctgg agagaaaccc tacaaatgtg aaaaatgtgg caaagctttt aaccaatttt      300
caaacccttac taaacataag ataactcata ctggagaaaa atcttacaaa tgtgaagaat      360
gtggccaag                                     369

```

```

<210> 1193
<211> 322
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (28)...(74)
<223> similar to gil899186 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

001210 "E229450

<400> 1193  
gggttttttca atttttccag cccaaagtta aaagggttga aaatcaattc ctcttttggtc 60  
ctagagataa ggaagaacat acttcgtttc ttagatgcag aacgagatgt gtcagtggtc 120  
aagagcagtt ttccaagcaa agacgccaga cactccagtg tgcaccggta gttcacccaa 180  
ctgcattggg gaccgccctc tcatactcca gccaggccgt gacgtgaccg acctccgact 240  
tctgcgcaaa ggcagcgcaa gccgttggga tcccctgctc cccctcgctc aacagtcggg 300  
ccattacacc tttcatactg cg 322

<210> 1194  
<211> 314  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(87)  
<223> similar to gi3043718 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1194  
catcaagaat gctgagttca atggctgaaa cacagtcgaa aagaatactg tgaattatgc 60  
aagcacagat ttgctttttac accaagtaag ttcttttagac attttctactg catttttttt 120  
ggttatcact cgtggcataa aggtgtttga tatgatcagt tgacagagga aggggggataa 180  
aagtgccttaa gcactttaaa gcaattattt tcagcttgat tttttttgat agtaatagga 240  
agtattgata tttaggaaaa tattttgaaa aactgtatgc tggcttttat cacacacatg 300  
gttgagaatt gggg 314

<210> 1195  
<211> 310  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (76)...(257)  
<223> similar to gil399462 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1195  
cgaaagcacg ccagaaaaa aaataaaagc aatacataac caaaaaata atagcgtata 60  
gatgatcaac aagaattaaa acgcgtaaca tagtatagtc aaaaagaata cacgaaaaag 120  
aaactccata aaaaatgcaa tatcatcacg gcagatatca agccagacaa tatcctggat 180  
aatgaatcca taactattct aaagcttagc gattttgggt cggcttcaca tgttgccgat 240

aatgacataa caccttcatc ttctcagacc acatccgctg catcatcgcc cccgcggacg 300  
ctacgccgcg 310

<210> 1196  
<211> 122  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (55)...(119)  
<223> similar to gi5091669 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1196  
acagaggtca ggcacggaaa actggacagt agcaaatgga taccaatcag aggggaatttc 60  
ttggtctgat ccatgctcta atttgtatga cagacaatgg ggattatata tattctaatt 120  
tg 122

<210> 1197  
<211> 316  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (36)...(313)  
<223> similar to gi2072966 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1197  
gatttggaaat tgcgcaccgc gtcgaccagc cataaagaga aaatttttaa agcaccacaga 60  
gaaaaaaagg atatgttaaa tatggaggaa caaaaataaa gccacaaat ttctcatcac 120  
aaacaattca agtgacaaaa cagtggagca gtatctttta aatactaaag aagaaaagcc 180  
aatttataat tctataccca gtgaaaatat cttcaaaaca aagatgaaat cctttttcaa 240  
agttagaaaa aaagaaagaa tttatcacca atagtcccct accaaaagaa atgttaaaag 300  
aaattcttca gacaaa 316

<210> 1198

<211> 134  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (4)...(123)  
 <223> similar to gi30501 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1198  
 tcgagtaaac catgggacta aagcttggct ccaaagcatt caggctgaac gaaaaacatg 60  
 gactgctatt gcataatacc aacgtgcatt ggacgagaac gatgctatgg aacctgcata 120  
 ggcgacacgg tcgg 134

<210> 1199  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(337)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (164)...(338)  
 <223> similar to gil236986 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1199  
 ntgctttaat cattgtcaaa gtggactggt aaatgtatat cattatacag tctctgttga 60  
 cgtctatgtc tgaaacttat atgcaagaga aagtaggaga tacttgatat aatgactaaa 120  
 aggtagtatc ctatatcact ctcgggttgt gctaatatgc gtcaggatta ataaggaaat 180  
 tccacgggga acgccttctc gtcctgcgcc tgatcatgcat tctcctagcc gaaagatgac 240  
 tgtaaaggaa catcaagatt gtaagattcg tccttgtatt tcgtaataaa aaaacgcaaa 300  
 gggttatata ttaccattag cctaagggtt gccggtt 336

<210> 1200  
 <211> 314  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (6)...(159)  
 <223> similar to gi4884278 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1200  
 cattgcatac gatccaaata ttaccacttg ttttatatat atgcatgtat taccgatacc 60  
 tctctttttt atctgcagga aatggacagg ctactagcat ggtcccaactg ccaggtggga 120  
 gattcctgat gggaacaaat tctccagatg acagagatgg tgaaggccct gtgtgggagg 180  
 caacagtgaa accctatgct atcgacatat ttcctgtcac caacaaagat ttcaggtaca 240  
 tcaggtgttc ttccaggagg aatgaaggcc ctctctaadc tcattctttt ttcctttctt 300  
 ttttttagac tgag 314

<210> 1201  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (147)...(352)  
 <223> similar to gi5668935 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1201  
 ctctggggaga gaaagactaa tgggcaggat cccattactt cattggtaaa gatagtcgga 60  
 tactctcacc acttttaata ccttttagtat tacagttgat cagattacct ttacttgata 120  
 tgaattatct ctaagttcat tcccctgtgt tgtagcttat ttcaacaatt ccaactagcc 180  
 gtttaaaatt cctcaaagaa actggtcatg gaacaccaat ggaagaaata cctgaggagg 240  
 aattatcaga ggatgttgaa cagattgatc acgctgatag ggagttgcgg cgtggccaaa 300  
 acttgagggtg caaaggaatt catagattgc ctactcatat acaagtaggg caaaatcg 358

<210> 1202  
 <211> 1047  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(802)  
 <223> similar to gi4106442 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1202  
ctcactgccca ccaaggtggt caccggccctg gcactgggtgc gaatgctcat tcttcctctc 60  
aacaacttcc cttgggtgat caatggtctc ctggaggcca aagtgtcctt ggaccggatc 120  
cagcttttcc tcgaccttcc aaaccacaac ccccaggcct actacagccc agatccccct 180  
gcagagccat ctacagtatt ggagctgcat ggagccttgt tctcctggga ccagttgga 240  
accagcctgg agaccttcat cagtcatctc gaagtgaata agggatgct ggtgggcatc 300  
gtggggaagg tcggctgtgg gaagagctcc ctgctggctg ccatcgctgg agagctccac 360  
agatgggaac aagtacaatg tgggtggccat actctccact gagtcctga acagatgctg 420  
cgtgggcatg tggcagtgcg ggggctgtcc aaggcctttg gcctggccac ccaggaaccc 480  
tggatccagt ttgccaccat ccgagacaac atcctctttg ggaagacatt tgatgcacag 540  
ctgtacaagg aggtgctaga agcctgcgcc ctcaatgatg acctcagtat cctgcctgct 600  
ggagaccaga cagaggtggg ggagaagggt gtcaccctta gcggaggaca gcgtgcccgg 660  
attgcccttg ctctgtctgt ctaccaggaa aaggagctct atctcctcga tgacctctg 720  
gccgtgtgtg atgcagatgt ggccaaccac ctgctggcac aggggtgcatt ccctggggcc 780  
atgcctgagc ttacacccca caccgggttg cttctgtaac cccacccggg accttgggaag 840  
gtaccctctg gggaagaaaag gggccctgga acccccccg ggggccttg cctggaatag 900  
gggaaggcgg gcgcctattc ggcttggcct tcctttggga tttggccatg gtacaagctg 960  
gccccagtc gagccggccg ggaattcaga ttattgatcg gaaatcctga aaaccccgca 1020  
agtcaactcaa ctgggcattg gggcaca 1047

<210> 1203  
<211> 318  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (105)...(202)  
<223> similar to gi4322024 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1203  
gccctctac cctccaccc tcatgggggt gctctccct gaagtttctt tcttaccag 60  
ccccttttcc tctgctact ttctttttc cctacactgg ttgcaggggg agggagcctg 120  
ccagctgcga ggacctctgt ggtggaggag ttggtgctga tgggtggcga agtgacccat 180  
acgggacccc gacgccatga tggccttcaa cagtcctggt atgcctacac taggactact 240  
tctaaatctc cccacggctt cgactacgcc ccttcgacca tctacccct tcatcagact 300  
attcctcatc ctcacgcg 318

<210> 1204  
<211> 589

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(23)  
<223> similar to gi3413914 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1204  
attcccccttt gtcctcttttc actggctgca gtgcttagtg cacctttacc atttatagtt 60  
ggagttgact caaggtatatt tgatcttcat gaccaccac aagatgttgt ttgcattgac 120  
ttggatacga acatgttata tgtatcagat gaaaagaaga acatgaactg gaagcaactt 180  
cccaaaaagc cgtgcaaaaa tctacttagc accttaaaga aattgtatcc ccagctgtct 240  
tcagttcacc aaaaaaactca agaaggctca gcgattgaca tgactccaat tgaagcagat 300  
ttctcctggc aaaagaagat gacacagctt gagatggaaa ttcaagaggc atttttgctc 360  
tttatggcgt ctatttttaa aggatataga acatatctca gaccaatcac agaggctcct 420  
tcaaataaag ccacagctgc tgattcattg tttgaccgac aggatgatct ttccatttca 480  
gtggcaatgc ccataatatt ccctttgtcc tctttcactg gctgcagtgc ttagtgcacc 540  
tttaccattt atagttggag ttgactcaag gtattttgat cttcgtcga 589

<210> 1205  
<211> 322  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (100)...(251)  
<223> similar to gi4558862 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1205  
cagaaccagg gcctgttggc cccggggggtt aaaagaaatc tgcttaatat ttctaccctt 60  
tttctctatc acaaacagta ttctttcatg accttttttc ttatttagag atcctccata 120  
gataatgaaa acctggtttc agagagagag aggggtgcttt tagaggagct ggaagcacta 180  
aagcagctgt ctttagctgg aagagagaag ctgtgtttgtg agctgcgcaa cagcagtacg 240  
caaacacagg tagtatggac tttgccccac ctaggagcaa tggatcacca attcagtagg 300  
atttgtttgt ctttggtgtt gg 322

<210> 1206  
<211> 337  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (91)...(251)

<223> similar to gi9999 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1206

ggaaataata	atagtttgtg	ctttatgggg	ttcttttgag	aagtcaatat	gatgatgcat	60
attattgctt	tccaaagtgc	tagctgcaat	caccactact	gccatcatca	tcactaccat	120
caccactact	gtcaccatca	ccatcatcat	caccatcacc	atcactatcc	ccatggctat	180
aatcttaatt	taagctactg	tcattctctca	tttgattcaa	tgtaatagcc	acataacatt	240
tccccacatc	cattcctgcc	ttcctccaat	gcattttcca	ttatgtaacc	caagtgatct	300
ttaaaaagca	caatctcatg	tcactcatag	gtttaaa			337

<210> 1207

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (217)...(718)

<223> similar to gi4960038 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1207

tacacacaca	cacacacaca	cacacacact	cactctctca	gaggagagaa	aatattaaga	60
atcgtgtatt	ttacacaggt	atccaaacat	aaaaatactt	tagaattgct	tactgtatgg	120
acagggtata	tggaatggag	tttgtagtat	ccacattaac	aaagcaagtt	tatatggact	180
ggttatgata	ttagggatat	gaattagaaa	tggatgttgt	tgactcatt	taaaatattt	240
tgctctcac	tttatcccca	gttatagtgt	ccttttgaat	ttttctcaca	cagtgtctact	300
atatttcatg	aactggtata	taaacaaacc	aaaattattt	cttcaaatca	agaacttatc	360
tacgaagggc	gacgcttagt	cttagaacct	ggaaggctgg	cacaacattt	ccctaaaact	420
actgaggaaa	accctatatt	tgtagtaagc	cgggaacctc	tgaataccat	aggattaata	480
tatgaaaaaa	tttccctccc	taaagtacat	ccacgttatg	atttagacgg	ggatgctagc	540
atggctaagg	caataacagg	ggttgtgtgt	tatgcctgca	gaattgccag	taccttactg	600
ctttatcagg	aattaatgcg	aaaggggata	cgatggctga	ttgaattaat	taaagatgat	660
tacaatgaaa	ctgttcacaa	aaagacagaa	gttgtgatca	cattgggatt	tctgggtatcc	720
aga						723

<210> 1208

<211> 300  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (9)...(303)  
 <223> similar to gi498721 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1208  
 ttcacggtga cttggcgggg catcagagaa ttcatactgg tgatagcccc ttttatgta 60  
 aggaatgtgg gaaggcaagt agtaatagct atgaacgtgg tccacatcaa gtcattcaaa 120  
 ctggtgagat tcgctatgaa tgtaaggaat gtggtcagac ctatagtagt cattaagatc 180  
 ttattcccca tcacagaatt cattctggtg agaaacctta tacgactaaa gaatgtggga 240  
 atgcctttcg tcttcaagca gaacttactc gacatcacat agttcacacg ggtgagaaac 300

<210> 1209  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(324)  
 <223> similar to gi2801555 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1209  
 ggcacgagca atagcatacg gtgaattatt ttttactccc ttataaagcc cagtatcaat 60  
 gacaagggag agagagaact agaaccaatc acaacctctc aagccctgca cattgctggc 120  
 agagctggca gattcacctc acggtttaaa gaaggagacg gtacaacaat gaatcatgaa 180  
 gatctcagtt tattaaagga aattttttaag aagcctgtgg atcctataac ggtaagaggt 240  
 aacatggtaa ctactgctac tctgtggagg aaagtcattc tttccctcac ccaccatcca 300  
 gactcacctc agacacattt ctggatacag acgtaagt 338

<210> 1210  
 <211> 407  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature

<222> (10)...(288)  
 <223> similar to gi763110 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1210  
 ggcacgagga aaatgggacc caccgtctct cccatctgcc taccaggcac ctggggcgac 60  
 tacaacctca tggatgggga cctgggactg atctcaggct ggggccgaac agagaagaga 120  
 gatcgtgctg atcgctcaa ggcggggagg tcacccgcag ctgggtaaag aaaatgggaa 180  
 cccgggagag gggaccctac gtgggaagaa tcagagggaag atgtacataa gagtaagtgg 240  
 acaagatgtg tggatgagaa gggcgcgtag tgctaaacag acaataagag accgctcagg 300  
 tgtggggtga cctaattgggg agacgtggaa tatgtttggt ggcacggagg aaagtctaata 360  
 ggatatcgtg tttaggagga cgatggagtc ttacgtgctc gttgatg 407

<210> 1211  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (6)...(273)  
 <223> similar to gil483187 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1211  
 ggcacgagct cgaaaattta atcaagagtg cgcactctta ttccctttac tgagggtaat 60  
 atctacacgg agcctagaca gccgaaccag aggcttcctt ttgtccaaga agaggatgga 120  
 atagacaagc tggagctgct ggctcccga tgaatttcag acctgggggt ctcagctcca 180  
 ggcaacttgg actcccagga cctcctgacg gtcctgacta tactgtttac taccggttcc 240  
 atcgacttgc catggtgact gctgcctcac gattggagcg tgaacacctt acgcatctat 300  
 gacactaggg atacaatgga gaggtataga gcaaccctag cg 342

<210> 1212  
 <211> 370  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (9)...(196)  
 <223> similar to gi307388 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 1212
ggcacgagga aattcgaatg gcaaggatgg caagaaaagc tggcaacttc tgtgtacctg      60
cagaacccaa attggccttt gtcatacagga ccagaggtgc caatggtgtg agcccagagg      120
tctgaaagggt gttgcagctt cttcgccttt atcagatctt cagtggaacc tatgtgaatc      180
tcagcagggc ttgacatctc atatgctgca ggttcgaaaa actagattat acattacggc      240
gcctttctca gaaaaggaga gaccgcggct gatctcttct aaagcgtgag ttcagatcga      300
agccaatgta aaagcccgat agtcatcaca gctatagtaa ttgttttatc ttctttctta      360
atccctctag                                     370

```

```

<210> 1213
<211> 84
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (59)...(14)
<223> similar to gi3877677 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1213
aggttattgg agccccctt aatttatattt cccagggtta aactgggggtt ggtttgcctt      60
ggccaagggt ggccaaaaaa aaaa                                     84

```

```

<210> 1214
<211> 420
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (60)...(408)
<223> similar to gil620077 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1214
cgctccgcag gtttagcacc gactgtagct ctgatcagca ggaccgatta aacggaactg      60
ccoctagcgg ttttaaccgc tctgaccag tcccgttgcc gcaccccatc ttggaagtat      120
gccctggcca gtaggagcca caaagcgaga ttagcctcac tgcatttcag gtacaggccg      180
gcgccagccg tgcctcacca ggtccaccgg ctccgagcag cagcaagccc ggtcggaaag      240

```

cgaaagtggc	ctcgccatgt	ccagaccggc	cagctcccc	gcctacctga	ccccgccccg	300
cagccgcacc	tgggtccgag	tcctcgccgc	ggccgccacg	gccccgcaca	ggaaggcggc	360
agcaaagagc	gcacgctcga	cgcgctgcag	ccaggacagc	gccatggcgc	ccctcgtgcc	420

```

<210> 1215
<211> 348
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (87)...(345)
<223> similar to gi2072967 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1215	
ctcagggcct	cctgggtgcct tgcacaaccc cctctggcag caccagcat tccacctgca 60
gcgatctcct	ttgcacatgg ccctcttccc tggctatctc aaaatgcaga tcagtggaca 120
tccatatggg	gaaaaaaaaa accttgggtcc atctcttatg ctgtttatga aaaataaact 180
cagaacatat	catagaccta aatataaaat ctaaaactac acaacttcta ggagaaaaatc 240
tttgcaactg	tggattaggc aaagatttct tggataggac ctaaaaaggga caaaccatta 300
aaaacatcaa	taaactagac ttcattccacg taaaaaactt ctcgtgcc 348

```

<210> 1216
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(313)
<223> similar to gi807817 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1216	
ggcacgagca	taatggacag acacaagctg gatgttgttt cctgtggcga gtccacagtc 60
cgagtgcaga	agggcatctg cagtgggttc ttccgtaatg ctgcctatat agaccacac 120
gagggttact	gtacactgat cgaccaactg gtggtctata tactttcttt cctattccta 180
tactacatac	agtgcaaacg gctggtgtgt aatattctag agcttactaa taaataattc 240
ctgtatgtct	tttttcttat tgaccctttc tttctaacta ttttattctc tctatatatt 300
ttctctttat	ctctctatgt tttttttact attttctttt cttcatcgag ttccccg 357

001210 "001210" 001210



<210> 1217  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (10)...(171)  
 <223> similar to gi179397 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1217  
 ggcacgagag ctatttcaca agtggatcga ttgcagtcag agcctgaaag gatccgtaaa 60  
 tggagagaag aacaaatgga acgcttggaa gcccttgatg ccaattctcg gaagctagaa 120  
 gcataatgga aagaaaaggc tataataggag ctataagaat gctatgcgct gacagggcga 180  
 cacaaatctt taaattgaac tataagattg gtctactata ataatcgatt ataaatcata 240  
 tacgcatagt ataattctgg gctgacaata caatcttatg ccactaatct gataatctac 300  
 tctctctaac tagtcttaca tactatctcc ttactaata agatccg 347

<210> 1218  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (10)...(235)  
 <223> similar to gi3435157 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1218  
 ggcacgagcg gaacaaaagc agctcatggc tgtgtaactg caggctcagg caaggctctg 60  
 ccttccagcc cgccagacgc cctccaggac gaggcgatga cagaaggcag catgggggta 120  
 accctcgagg cctccgcaga agctgatcta gtagctgaca actactgacc agagcttgtg 180  
 cccagcagaa gaagctagct gtcaaagcgc atgcctgtag cagttaggaa gaaacctggt 240  
 acgactagat gcgtcagtta cgatacctat ctgaagaacc agtgtcttgc caatggcgtg 300  
 cgagagggtta tattgtccac tccctctacg tgtctg 336

<210> 1219  
 <211> 348

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (75)...(351)  
 <223> similar to gill136434 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1219  
 ggcacgagca cagaataact ggaagtgtac atggtaattt tatagatctt tgtctttatg 60  
 gaatcctgta tttcttgta ttatacgtat acttcatatt tagcacttca ttgattaagg 120  
 taatatttaa tcctaccttc taagtatcca aatttgaagg tgctgagatt caaacagtca 180  
 gtgggataag ggggcagatc aagaaagcac tccgagctcc agaaggagct ttcagggccca 240  
 gctttgagga taagctgctg atgaccgata ttgtcttcat gctaacttgg tatcctgttt 300  
 ccatcccagc gttctataac ccagtagcat ctttgatgaa accagtcg 348

<210> 1220  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (6)...(225)  
 <223> similar to gi438056 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1220  
 ggcacgagcg aaggcagact ggacaggcct attatgcaat actcctcgac aggggccgctc 60  
 tggaagtgga tctctccaca ggggcacgaa caatgaggaa aattgtgatc agaccagagc 120  
 caaatctgtt tcatgatgga agagaacatt ccgatcatgt aaagcgaact atatgcatct 180  
 ttacagttta agtgattcat ttcagatggt actatataaa ctgattattg atctctctta 240  
 gtatatatatt atatcttttt cttacacgct atgtgtatac gtttttctat tgttatctac 300  
 gtctcttgat atatatattat gtgtatccat cttcttaatt atctg 345

<210> 1221  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (126)...(345)  
 <223> similar to gi306759 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1221  
 ggcacgaggt ttgaaccatg agtgtacatt tgaaaaactc aggcagctca tttctcgcaa 60  
 cacccatgac aagcatgagt tgcattctgtt catgctgtcg ggggtgcccg atgctgtctt 120  
 tgacctcaca gacctggatg cgatctcgct tggcctatct gagtaagctt ggagagctgc 180  
 tgctatttgt gaactgacta aactagctaa tctcgaccta tcgcactgtc ctatccaagg 240  
 agcactgact ggtactggct cccttctgga caacttggca ctacctgaca ctgctgctgc 300  
 cccgtcggct tgtgcggcgg ctacctgagc tgaccctgc tg 342

<210> 1222  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (7)...(142)  
 <223> similar to gi4914578 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1222  
 ggcacgagca aaatattaag agaattcaca gaaataactt ccagaaatgg acctgataag 60  
 atcattcctg ctcacgtaat tgcgaaggct agacgccttg caattatgcc tgcccattaa 120  
 gccgaaatcc tggcgattgc catatgttgc tatacttgtg atcccgccct tctttgcaact 180  
 acgatgcttt cagtccttcc cttcatcttc ctgcctcgac gtcctacta cctttcccag 240  
 gatttcctat actagttaat ttctaccctt tcatactctc tttagcgctc ttatatcacc 300  
 tactttcttg ttcttggtta ctatcaatgg atagatcctc aattctactt ccagttccac 360

<210> 1223  
 <211> 764  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (529)...(2)  
 <223> similar to gi4759949 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



Run with FASTXY 3.3t00, default parameters

<400> 1225  
catatcatca tgaaatatca agcaatatga cttgttaata aagatctata ctcatattag 60  
atattatcta ttatagtagt gacataataa tactaatata ctctacttta ttgtatacgt 120  
cacgatgtga attgatcatc atgtgctgcg ttgtctgtaa cagtacagaa gagacatacg 180  
atatagatgc acaagagtaa agtcaggaag aaacagatga tgggtgttgaa gaaggtaata 240  
tttggtttac atttggtttt catgtaggaa ctctgtgcac aggctcgttt atggttttct 300  
ttaaatgtca ttaaatctcg tgcc 324

<210> 1226  
<211> 318  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (9)...(155)  
<223> similar to gi5817151 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1226  
ggcacgagcg agatgtcctc ttcaacctgt gtgaaaacct ggtgaagtcc agtgaggcaa 60  
actctccagc ccatgaggag ttcaagacga tgctgctgat cgctcattac tatgccacgc 120  
gctctgcagc cgagagtgtc tatcagctgt aagccgtgta ttgctatcct tagtgtatta 180  
gactaagcat atttcggtcg tcggtcgggt tatgtagtaa gtgggtgtctt agtgcgtgtg 240  
atccgatgac cgattttttc tatcgggtgtg gcatgttcta tattcgtaaa cggctggagt 300  
atatgcattt aggatgtt 318

<210> 1227  
<211> 333  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (68)...(329)  
<223> similar to gi404015 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 1227
cttcgagttt ttcgcggagg ggcattatct ctattagcaa tcgcctgtcc atttcataat    60
ctgtcctttc agaaatatgt ataccatgaa gctctagctt gcaaggtcca gtcctctgct    120
caggagggtc agcagggtct taaatgcacc attgcccagg gcggttaagcc tctgtaggca    180
gcccagatat cctcgggaaga gctcccccag gagaaacaag cttgactact atcccatcat    240
caagtttctg ctgaccactg agtctgccat gaagaagata gaagacaaca acatgcttgt    300
gttcactgag gaagttaaag ccaacctcgt gcc                                333

```

```

<210> 1228
<211> 368
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (12)...(362)
<223> similar to gi804810 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1228
ggcacgagct ggaatttgaa attaaaaaca caataccatt tatattagca ccaaaaaatt    60
aaatacttag gtataacata acaaaatatg tggtatatct caatatctat atgcagagaa    120
ctacaaaact ctgatgaaat aaatcagaga tctaaatgga gatcctttga gctgcaaggt    180
aaaaaattta ataaaaataa ataaatacat gaagagagat tctatgttca cgaataggaa    240
gactcaatat tgtttagatg tcacttcttc ccaacttgac ctgtagattg aatgcaattc    300
ccatcaaaat ccctgcaaat cattttgtgg aagtcaacta actgatttta aagtttatat    360
aaaaaatc

```

```

<210> 1229
<211> 517
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(518)
<223> similar to gill196425 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1229
tcatgttatg tttgcggagg aaccgtaaca ggagatcaat ggccatagga agcccagagaa    60
ttagttccca cagaccaggt tctgatgaa ttccagccc aaaagaacca ccctgacaat    120
ttttaggttc taaaagtctc aattattaga cagtattgca cagctattga aggaaaacaa    180

```

ttcactcatt	ctataggacg	gcttagttgt	cttaggcaaa	agctgtataa	tggtaccaca	240
aaaacagtta	catgggtgaa	ttccaattac	acagaaagaa	atccattcag	taaatttcca	300
aagttgcaga	ctgtttgggc	ccaccagaa	ttccactggg	actggatggc	ccccaccagg	360
ttatactgga	tatgtggaca	cagagcttat	gctaagctgc	ctgatcagtg	gacaggtagc	420
tgtgtaatta	gcaccattaa	gccatctttc	ttcttactgc	ccataaaaac	aggtgaactt	480
ctaggcttcc	cagtctatgc	ttcccacgaa	aaacgaa			517

<210> 1230  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (34)...(366)  
 <223> similar to gi506338 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1230	
ggcacgagcc	ggcggaagga ccggaagcta gggccgagtc tcttcaccat tggcttctgc 60
atctacgacg	ttgcgacaga gggacttcag gcagacgcgg tcttgaaccg tgtgcactac 120
tatccagcat	gccccctgac cgtctaagag tcgtgcagac ctgtacataa ggtcccctgca 180
attaagcctg	acgctgggga agaatctgtc atgaatcttg acacattgag atttgctgat 240
ggaagcataa	tatcatcgga gctgcgactc agcatgcaga agtcaatgca caatcatgct 300
gccgcgttcc	gtgtggcaag cgtgttgcaa gaaggtttg ggaaaatcat caagctctat 360
ggaga	

<210> 1231  
 <211> 318  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (60)...(288)  
 <223> similar to gi4240130 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1231	
ggcacgagga	gacctctaga tatgaaatat atgaactaat acatgttcat ccctatgcag 60
ttaaacagag	ctttgaccta gaggagtaca gcctctcaca gtctaccctg gagcagggtg 120
gtcattttta	gggattcgta tcatccatgg tatatgtgta taaaacattc cctgggagct 180
gcagaggcag	cacggcattg ttctcctctc tttatttctc tctcccttt cagggtttcc 240

tgagctctc	caaggagcag	gagctgggag	atthtgagga	ggagacgcgg	ggttcactct	300
tagcgactgt	tacggccg					318

```

<210> 1232
<211> 330
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(276)
<223> similar to gil82221 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1232						
ggcacgagct	ggtgatcaag	gaaatgcaac	tgaagacagt	gatgatggag	tctaagccca	60
gtttagtggc	aaagggttaag	aagtatggca	atatccagca	ttaaagagac	tgtggctaca	120
cagggtccact	ttggcattgc	tggtgggagt	gtaaatctgc	ctctttcatt	ctttttgatt	180
ttagtgagat	ctgataggaa	tagaattatt	tccaataga	tgcgtatatt	tgttgatttc	240
aatattatct	taggggtttac	ttttcaaaat	gtaggagtat	tggaggggtc	ttatctcttc	300
cgcatctccc	caatctggta	taatatgacg				330

```

<210> 1233
<211> 332
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (8)...(205)
<223> similar to gil91986 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1233						
ggcacgagct	tgcataatta	tgtactcggc	catactctta	atcgctgtac	agaggggttaa	60
cgataacttg	acactgctcg	acgatgtacg	acttcgagac	tgctatgaca	tcatctacga	120
gctgctggac	gagctcatgg	acttcggcta	ccccagacc	accgacagca	agatcctgca	180
ggagtgagtg	ggcaggggtg	gggcctgggg	ccaggcctgg	gcggtgtcat	gacatcgacg	240



tcatcagg	tg	aa	caga	agggg	caa	at	ttgtgt	tc	at	gtt	gtcccc	ac	ctgc	cttc	300
cac	ctcc	agc	ag	tatt	cggg	tttt	tact	aa	gn						332

<210> 1234  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(314)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (11)...(313)  
 <223> similar to gi490146 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400>	1234																		
ggc	cag	agc	cc	act	tata	ca	agt	gct	gtg	c	cg	ctg	cag	at	gct	gtg	ccag	60	
agt	gtc	ccg	at	ga	att	taa	ac	ct	ctt	gt	gga	ag	agc	ctg	at	aac	aaa	attg	120
tg	ag	ctt	ttt	gag	cag	ctt	g	gag	agt	ac	ct	att	cc	ata	at	gc	ct	attag	180
ca	ag	aa	ag	ta	cccc	aag	tg	t	cc	act	g	ctg	a	t	ctt	gt	acag		240
agt	ggg	cag	c	aa	t	gat	gg	tac	ata	ctg	a	ag	ct	a	actg	a	aag	ccct	300
tct	ata	cgt	g	gtn															313

<210> 1235  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (153)...(359)  
 <223> similar to gil825562 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400>	1235																						
ggc	cag	aga	aa	gatt	taaa	aac	aag	at	gtg	ag	tga	tct	tact	ga	attt	cctg	aa	acata	aagg	60			
att	acc	ag	ac	tct	tag	ag	aa	gt	ta	att	gt	a	ca	ac	attt	c	act	tg	cttat	ttgc	attttg	120	
tt	ttt	tata	aa	ct	ctt	act	cc	ctt	ttt	cccc	ct	ta	agg	ag	aa	ctgt	gttt	at	gaa	act	gtaa	180	
act	tg	cctt	t	gg	at	gaa	atg	cc	at	att	aga	aa	act	tt	a	ac	cc	ct	cata	cac	gaat	atc	240

```

tttagcctgg atataactaat gaagtttccg acatgttaag acattttaa at cttggtgaaa 300
tgaaaagtgg agtaccactg ttggcagtat ccttaccatt ggatggta at gctact 356

```

```

<210> 1236
<211> 356
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (10)...(159)
<223> similar to gi452048 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1236
ggcacgaggc agcggccagg gccctatgac cggccccgga ctgccaggag gtacattggc 60
atcgtgaagc aggcaggcct ggaaaggatg aggcctgggtg cctacagcac atgctacggg 120
ggctacgatg agtacagagt gctctgatat agatactgcg tgtactgcgt ctttttacct 180
ctattttcag atattactac atgagttcat gtctcgctga atttatacca tcttaa atat 240
atgtttgata taatctat ttt cacc tttatg aatatatgtt agtgagatat cagtaacggt 300
gtagcatatt tgattagccg tgtacacttg tgtttggtta tattagtgca cattcg 356

```

```

<210> 1237
<211> 366
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(141)
<223> similar to gi28561 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1237
ggcacgaggc cgtggacatc ggggagcgca taggagcccg agtgcacccg atgaccaagg 60
accctggagg ccactacaca ctgcaggagg tggaggatgg cctagtctca tacaagccat 120
agctggatgat cttatccctc tgtagtctta tcataatcta gattcagctc ttttgatgt 180
atattatatt tgattcttac attctattct ctttccatgc agattatctt atttcttttt 240
atattaaagt catctcttac tctcgttgta tatgcaactgc gtgtattcag ttttcttaga 300
ataatcttgt tcctatttta gtatatttct tattttatgt gttgctatct atttatttat 360
caaaaa 366

```

<210> 1238  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (13)...(341)  
 <223> similar to gi2072425 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1238  
 ggcacgagca ctccctacat cctggaacct ggagagtacc ccacctcata ggccctggggc 60  
 acatcggacc ccagcgtggg ctccctgaag cccatgagat tgggctgccc aagtgtggag 120  
 aagccagggg agccagggc tgcggtgtat gagggcccag gctttcaggg cccgagctgg 180  
 gaagcgagcc cagacatcta caaccttcag cagccagagg acagccagag cccccacctg 240  
 gcctctgtgg ggtccctgag agttctcgga ggctgctggg tgggctacga gaaggagggt 300  
 ttccggggcc accagtatct gctggaggag ggggaatacc cactctgctc acact 355

<210> 1239  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (218)...(363)  
 <223> similar to gil82313 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1239  
 ggcacgagcc ctggcttaag ctccagccaat agtaccatag atatgcttga cggaacatgc 60  
 aaccctagaa gagactgtca cagtacaacc cagaataaaa ccaaagaaca gaaactggct 120  
 tgaataagga tttgaaaaac atgaccactg gtggagagaa acataacgat aaaacgatga 180  
 agttaagtct cagcctcggc taatgactca ttgtgtgtgc gcgcgtgagt gagtgtctca 240  
 actcactcct gtggctgatg actgcaaagt ggaatccatc tacctaaatg cggacatcgc 300  
 gaacacacac ctttagaacc ctcataatgc gcacatcacc cgccaacctt aagaaaccct 360  
 g 361

<210> 1240

<211> 375  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (10)...(286)  
 <223> similar to gi984139 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1240  
 ggcacgagcc agcacttccg gggtgacaat gaagaacaag actgatgact gaagaaaagc 60  
 tgtacgttat atgttgaaa tctttctttt tacacaactg aagatcacat ctatgaactc 120  
 ttcaacaaaa gtggcgacat aaagaaaatc attatgggtc tggataaaat gaagataacg 180  
 gcttgaggat actgaattgc ggaagaccta tcatgcgctt acgcagacct ggttttgcga 240  
 ctgagttatg gacttcgcat cgataaacgt atcatctgaa cagaccgcct gtccagatca 300  
 ttgcttaccg aactatttag acatgacaca aagagtatcc atgagatttc atgaatatca 360  
 tattcagcac aatgg 375

<210> 1241  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (6)...(309)  
 <223> similar to gi5689507 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1241  
 ggcacgaggc ctcttttact gttcagtcag cgttcctggg taactcagtg cttggacact 60  
 gggaaaacat gcaccctgat aactcaaagg cacctggctt cagaccacct tcccagcgag 120  
 tttctactac tccagttgtg atatcatcca tagattttctg aggttgctca ttatctttac 180  
 attctgctct caagccaact cgctcccgtc taccaaaaaac tcggtaacat tcacctgcaa 240  
 taaatacaca acgctctagt acattatgca agtctgagca tcccttacat cgattatctt 300  
 cctctgatca cctaatgcac gccatacctc acacctctcg ggatcggatc gttcaccgcg 360

<210> 1242  
 <211> 362  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (49)...(357)  
 <223> similar to gi31645 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1242  
 ggacgaggg agatggattt tttcctagtg tgcctgtgtg tggatgatt ccatggcatt 60  
 ggcaaggctg agaatgggaa acttgtcatc agtggaaatc ctatcaccgt gttcccggag 120  
 gaagatccca ccaaaagcaa atggggtgat gccagtgtc attatgttgg ggagcccact 180  
 ggcatcttca ctcccactcc catggagaag gctggggcat actgagagta gggagtcaaa 240  
 atggtcatca tctctgccct gtctgttgat gaccccatgt tcgtgatggg ggtgaaccat 300  
 gagaagttca aaaacagcct caagatcatc agcgatgcct cctgtaccac caacttcttc 360  
 gg 362

<210> 1243  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(365)  
 <223> similar to gi487785 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1243  
 ggaaagcctt cagagctgtg tcaatccttt gaatgcatgg taggactcac cctgaagaga 60  
 aaccctatga gtgtgagcaa tgacggaaag ccttcagatc tgccccacac ctttgaatac 120  
 gtggtaggac acacaatgga gagaaaccct atgcatgtaa gaaatgtggg aaacccttcg 180  
 gatctgcccc gaaccttcga attcatgaaa ggacacaaac acacataatg cactctgtag 240  
 agagacctta taaatgtaag atatgtggga gaggctttta ttctgccaag tcatttcaaa 300  
 cacatgaaaa atcttacact ggagagaaac cctatgagtg taagcaatgt gggaaagcct 360  
 ttgtttcctt c 371

<210> 1244  
 <211> 438  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(439)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (60)...(432)

<223> similar to gi4056411 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1244

ctaagtactg	ctgcagtacc	ggtccggaat	aatgacagcc	ntccgtaccg	gcccgcgaatc	60
tgggtgcaac	ctccttgccc	aagaagctga	agcctgaaca	aatacgggtg	gagatcaagc	120
gggagatgct	gcccggggcc	cttcatgggg	ggctgcaccc	atctgagggt	ccctgagcct	180
caccacccaa	agacatgaca	cccctgaacc	tgtcgtcccc	ggcagagccg	atgcgcgaca	240
tccgctgtga	gttctgcggc	gagttcttcg	agaaccgcaa	gggcctgtcg	agtcacgcgc	300
gctcacacct	gcggcagatc	cagctaatac	agaggctcat	gcatgacaat	cacatcgaca	360
cactaagcga	gtggatcaaa	cacctgccat	aaaagggtgtg	cgcttaccgc	agctacatcc	420
agggcgggcc	ctctagaa					438

<210> 1245

<211> 373

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(374)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (6)...(373)

<223> similar to gi34272 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1245

ggcacgagca	cccacctcgc	acgtgggcat	cgcattgtga	cctacctacc	attgctctgg	60
ggaacacaga	ttctcctatg	cgctatgagg	acatgggtcat	tcaatgcac	aacaggggag	120
ctcactcagg	gagattgacg	tgggggatga	tggctcgaga	aatactggcc	atgcgtggca	180
ccattttccg	agaacacca	tggcaggtaa	tgcctgatct	gtacttctac	agagatcctg	240
atgacattga	ataagaaaag	catgctgctg	ttgataaggc	tgggaccaca	gtggaattac	300
aggggtgaatg	gactgctccc	gctcctgagt	gcactgctac	tcactctgag	gatgcagact	360
ggtctgaacg	agn					373

```

<210> 1246
<211> 354
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (51)...(306)
<223> similar to gi386657 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1246
cccaaagtca gagttggtgg agacagaaaag ggggtgctgag agctgggggct ggccctatcc      60
acccgcaagg tcttttgttc ggtttctcct agggtgacct tggacccctg ggcactcctg      120
gggagcaggg cctcattggg caacggggag agccaggcct tgagggtgac agtggcccca      180
tgggacctga tgggctgaag ggggtcaggg gagacccagg gcctgatgga gaacatggcg      240
agaaaggcca ggaagggtg atgggtgagg acggggcccc cgggccccct ggcgccgcag      300
gtgtccgggg tcttcacgga aaatcagggt attgaaggct ctctctcgtg ccgt          354

```

```

<210> 1247
<211> 361
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (12)...(259)
<223> similar to gil82697 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1247
ggcacgagcc tgactcttgt gataacatca atccatgccca tactggtggc gctgatgatg      60
aaccctgaca ggtgaccgta ccaggatgtc acaccaatga cactgtgaca ggcctcacaa      120
caggtgcctc cttcaactta ccaggatcct ctgtgaatga accacagagg catttacgta      180
cgccataatg caccaccgag aacaggaact tggatccttg tcaactcccc gttaccatcc      240
atctctctga ggggaaaaca gccctgggcc agtggggaag caaaagaggg tgccctgcttg      300
gagtccgatt ggagcgctga cggggacagc acaggggctg ccctgcccag gaggcctgct      360
t                                                    361

```

```

<210> 1248
<211> 342
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (3)...(339)  
 <223> similar to gi285983 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1248  
 ccagtgactg tgagtagcag agtgattaac tcgacaagcc atcaatcccg gagaatggca 60  
 gactgtcagt atcagccatt ccagaggaat gccttaagaa gctggactca gagcagcaga 120  
 ccaacaccct gctcatcctg gtgtgaaagg actctgcgag cgagcaggtc ttcacatca 180  
 tggcctccgt ctgccacacg ctgatggttc agcaccgcat gatggtagcc aaagtcaggc 240  
 ttctctacag ttttagccttt aataccagggt ttctgagaca tccttggttt ctaatatgtg 300  
 ccatgtcaac acgaatgatc tcagggtaca tgggtctcgtg cc 342

<210> 1249  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(342)  
 <223> similar to gi5689387 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1249  
 tgcacgaggt gagcttcttc tttctagata agcaccatag gaggtaaagg ggcatttcct 60  
 ggcccttggg tattttgtat caactgccaa agctgaaaat cttccctagc ggttatggtc 120  
 atcgtgtccc caggctcaaa accagatccc tctcttctta aaggcttcgc tgcataccca 180  
 catttcagta tcacatacag actaacttct gcctgccatg aattctcagc ggtttccaca 240  
 cccttttgac tccataacca cttctgatga ttttaagggtct gttttgcagc attacaactc 300  
 tctgacctga ctcacatgca atccggacac ccaggaccgt 340

<210> 1250  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(329)  
 <223> similar to gi633069 in the genepept database release 114,



Run with FASTXY 3.3t00, default parameters

<400> 1250  
gcaccgctgg ctgaaggggg gcgtggtgct gaaggaggat gcgctgccc gccagaaaac 60  
ggagttcaag gtggactcgg acgaccagtg cggatagtac tactgcgtct ttctccccga 120  
gcccattggc acgggcaaca ttcagctcca cgggcctccc agagtgaccg ctgtgaggac 180  
ggcagaacac tatctccagg gggagacctg catactgcta tagatgccag agtacgagtc 240  
cactggcctt gactgatgat ggttcaacat cactgactct tgacacatcg ctgtctttaa 300  
cggatcttac actggaatag tagtctgcat tgcagagtct ca 342

<210> 1251  
<211> 355  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(356)  
<223> n = a,t,c or g  
  
<220>  
<221> misc\_feature  
<222> (114)...(355)  
<223> similar to gi2384717 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1251  
ggcacgaggg gcggcgctg gtctacgccg agtgacagag acgctcacgc tgtgttctcg 60  
ggatgaccgg aatgcgagac agcagcacca tcggtggcaa acaccccaga catcaagctc 120  
tttgggacgt ggtccccgcg atatgctctc atgactgaca ctaccatata ctatcacatc 180  
tgcgggaccg aaaggtgcgg tacctgatgc gctcgcatga catcaccctg tgcagagcaa 240  
ccatggataa ccacattgat gtcgacctgt ctctggatgg tccggcctgt aatatatccc 300  
ggaaacaagg tgtcatcaaa ctgaataaca acggtgattt cttcattgcc attcn 355

<210> 1252  
<211> 406  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(407)  
<223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (11)...(408)  
 <223> similar to gi5931916 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1252  
 tcgcgagcgc gtgggtcttg atgtaccatt ggattgggag acatacatgc atcggattgg 60  
 gagagctggc cgttttggtg nnnnnnnnnn nnnnngtttg agggctttct ttaaggggag 120  
 ggatctataa ggggacaggg gggctttgaa tattatTTTT gggaaaagga ttactacct 180  
 aacattctct ctgcttttag gtacattggg gctgacaggg acctactgtt gccggggaaa 240  
 ggaaaaaat atgatgatga aaattgcca aaaatgtaat atcaaccttt tccctttacc 300  
 aaatcccat cctttgggcc tgatggaaaa atgtggggat tggaatgggg aagttaaagc 360  
 tgctgggcat acatatggtg taccaagtgt acctaaccac ccctta 406

<210> 1253  
 <211> 318  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(319)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (231)...(321)  
 <223> similar to gil946347 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1253  
 ngcattaaac atgaaaatgt atttcacatt tggTTTTgtg ttgttgctgt tctggtttag 60  
 tttttgtttg ggtattctgt atgtttgtat tttgcttaag catgaagaaa gcgtgtaata 120  
 ttacaaccct ggtaataatta atagtaagta aggttactta gttgtttaac cagccatgca 180  
 tgtattgaat ttatttaatt ttagtgcaaa ctggctcact tttctccttt tccctcccct 240  
 agaaacggct tttggattca gagtttattg atcctttaat gaataaaaaa gcccgaaatct 300  
 ctcacctgac gaacagag 318

<210> 1254  
 <211> 1333  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (11)...(1335)

<223> similar to gi3822553 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1254

ccgaagtgga	gaagggttcc	atgtgaacag	cagttgaaca	tgggtcagtc	ggtcctgaga	60
gatggacgag	acgccgggat	ccgaggtgcc	gggtgacaag	gccgccgagg	aacagggaga	120
tgaccaggat	agtgaaaagt	caaaaaccagc	aggctcagat	ggtgagcggc	ggggggtaaa	180
gagacagcgg	gatgagaagg	atgaacatgg	ccgagcttac	tatgaattcc	gagaggaggc	240
ttaccacagc	cgtctaaagt	ctccactgcc	tcctgaagaa	gaggcaaaag	atgaggagga	300
ggatcaaaact	cttgtgaacc	tggacacgta	tacctcggtat	ctgcattttc	aagttagcaa	360
agaccgctat	ggagggcagc	cactttttctc	agagaagttc	cccacccttt	ggtctggggc	420
aaggagtact	tacggagtga	caaagggaaa	agtctgcttt	gaggcaaagg	taaccacaga	480
tctcccaatg	aaagaaggct	gcacagagggt	ctctctcctt	cgagttgggt	ggtctgttga	540
tttttcccgt	ccacagcttg	gtgaagatga	attctcttac	ggtttcgatg	gacgaggact	600
caaggcagaa	aatggacaat	ttgaggaatt	tggccagact	tttggggaga	atgatgttat	660
tggctgcttt	gctaattttg	agactgaaga	agtagaactt	tccttctcca	agaatggaga	720
agacctagggt	gtggcattct	ggatcagcaa	ggattccctg	gcagaccggg	cccttctacc	780
ccatgtcctc	tgcaaaaatt	gtgttgtaga	attaaacttc	ggtcagaagg	aggagccctt	840
cttcccacca	ccagaagagt	ttgtgttcat	tcatgctgtg	cctgttgagg	agcgtgtacg	900
cactgcagtc	cctcccaga	ccatagagga	atgtgaggtg	attctgatgg	tgggactacc	960
cggatctgga	aagaccaggt	gggcactgaa	atatgcaaaa	gaaaaccctg	agaaaagata	1020
caatgtcctg	ggagctgaga	ctgtgctcaa	tcaaatgagg	atgaagggtc	tcgaggagcc	1080
agagatggac	cccaaaagcc	gagacctttt	agttcagcaa	gcctcccagt	gccttagtaa	1140
gctggtccag	attgcttccc	ggacaaagag	gaactttatt	cttgatcagt	gtaatgtgta	1200
caattctggc	caacggcgga	agctattgct	gttcaagacc	ttctctcgga	aagtgggtgt	1260
ggttgctcct	aatgaggatg	attggaagaa	gaggctggag	ttgaggaagg	aagtagaggg	1320
gagggtattc	ccg					1333

<210> 1255

<211> 325

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(320)

<223> similar to gi4679028 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1255

ggcagcagcc	ttaattccct	ggtctacaaa	tcctacataa	accgactgtt	ggaggtatac	60
acaaccgtaa	gtgaccctga	aagtgtgact	gcacagtatg	gacggaactt	actgtactat	120

aagcaagg	tg	acttttag	tg	ggccgaac	tt	ctgagact	gt	actccctg	tg	aagagaat	ac	180
taccaagc	ca	ttaaggag	ca	gctcatca	tc	agtctgt	taca	cgtagagt	gc	ggaatttc	ga	240
gtgcctga	tg	ctgatgtg	ac	ctgctact	at	aaagtgt	ctga	agggctag	at	caagatgc	ga	300
atggctca	tg	aggccgtc	ct	attat								325

```

<210> 1256
<211> 340
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(338)
<223> similar to gi804810 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1256												
aaagaaat	ta	agagacta	at	cccattga	ta	atagctac	aa	ataaaata	aaa	atatctag	ga	60
attaattt	tag	ccaaagaag	t	gaaagatc	ta	tacaatga	aaa	actataaa	aac	atggacaaa		120
gaaattga	ca	aggacacca	aa	aaaataga	aaa	aatattcc	at	gtttgtgg	at	tggaagaat	c	180
aatattgt	ta	aaatgtcc	ac	tctactca	aaa	gcaatcta	ca	gatttaat	gc	aatctttg	tc	240
aataacca	aa	tgacattat	t	cacagaaa	aca	gaaaaaat	ta	tcgtaaaa	atg	tacatgga	ac	300
cacagaag	ac	ccagactgt	c	caaagcta	tc	ctaagcaaaa						340

```

<210> 1257
<211> 311
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (23)...(313)
<223> similar to gi2072961 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1257												
tggaaaat	tc	acacactt	gt	gaaaatta	aaa	cagtacatt	c	tttaataa	atc	aatgggtc	aa	60
aaactaa	atc	acaaggga	ta	ctggaaaa	ata	ctttgagat	g	aatgaaac	ta	aaaacaca	ac	120
ataccaaa	at	gtattgaa	tg	cagctaaa	atc	agtgcttag	a	aggaaatt	ta	cagctgtaaa		180
tgcctata	tatt	aaaaagaa	ag	atctcatat	c	ataaccttc	c	atctcaag	aa	actagaaaa		240
gaataaa	acta	aaccctaa	aac	agggaaaa	aca	aaataagg	aa	atgattatt	tt	aagcagaa	at	300
aatgaa	ata	c										311

001210 "E348460





<210> 1262  
 <211> 382  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (37)...(383)  
 <223> similar to gi61785 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1262  
 ggcacgagggc catctacca gaaatcaggc tactcacctc agcaggtagc tgtgatccac 60  
 tgcaaaggac atcaaaaaga aaacacggcc gttgcccata gtaaccagaa agctgattca 120  
 gcagctcagg tcactgccag actttcagtc acgcctccaa acttgctgcc cacagtctcc 180  
 tttccacagc cagatctgcc tgacaatccc gtataactcaa caacaacaga aaaactggct 240  
 tcagatctca gagccaataa aaatcaggaa agttagtaga ttcttcctga ctctggaatc 300  
 ttcataccct gaacttaaac cagttaccta cagtctacca cccatttaag aagagcaaag 360  
 ttacctcagc tcctccggag gg 382

<210> 1263  
 <211> 717  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (44)...(719)  
 <223> similar to gi5420389 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1263  
 agcagtagcc tggacagcgg actccgaacc cctcagtgcc ggatctgctt ccagggcccg 60  
 gagcaggggg agctcttaag cccctgccgc tgcgacggct cagtgcgctg cacgcatcag 120  
 ccctgcctca tccgctggat cagcgagagg ggctcctgga gctgtgagct ctgctacttc 180  
 aagtaccagg tcctggcgat cagcaccaag aaccactgc agtggcaggc catctccctg 240  
 acggtcatcg agaaggcca gattgctgcc atagttctgg gctcgctctt cctgggtgcc 300  
 agcatctcct ggctcatctg gtcctcactc agcccttcag ccaagtggca acgacaggat 360  
 ctgctctttc agatctgcta cggcatgtat ggcttcatgg atgtcgtctg cataggcctc 420  
 atcatccatg aaggctcctc tgtctaccgc atcttcaagc gctggcaggc agtgaaccag 480  
 cagtggaaagg tcctaaatta tgacaagacc aaggacatag gaggagatgc agggggaggg 540  
 acggcagggg agccaggccc caggaaactca cggacggggc ccacctctgg ggccacgagc 600  
 cgccccccag ctgcccagcg catgcgagcg ctcttgctc agcgctgcgg ttatacaatc 660  
 ttgcacctcc ttgggcagct gcggccacca gatgcccgtt ccagctccca ttctggg 717

<210> 1264  
 <211> 1849  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (8)...(843)  
 <223> similar to gil469876 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1264  
 tgaagaactg ctgtgttttag atgtctctga aaacaggttg gaaagacttc ctgaagaaat 60  
 cagtggcctg acttcattaa cggatttagt catttcccag aacttattag aaacgattcc 120  
 ggatggcatt ggaaaactaa agaaactgtc aatcttgaag gtggatcaga atagactcac 180  
 acagtgcctt gaagcagttg gggaatgtga aagtctcact gagttagtgc ttacagaaaa 240  
 tcagctcctg accctgcctt aaagcattgg aaaactaaag aagttgagca acttgaatgc 300  
 agacagaaat aaattagtgt ccttaccaaaa agagatcggc ggggtgctgca gcctcactgt 360  
 gttctgtgta cgtgacaaca gactaactcg gatacctgca gaggtgtcac aggcaacaga 420  
 acttcatgtc ctggatgtgg cagggaacag gttgctgcat ctacctttat ccctgactgc 480  
 cttgaagttg aaggctctgt ggctatctga caaccagtcc cagcccctgc ttacattcca 540  
 gacagacaca gactacacca caggagagaa gattttaacc tgtgtcttac ttcctcagct 600  
 gccttctgaa cctacttgtc aagagaatct gcctcgctgt ggtgcactgg agaacttggg 660  
 aaatgatgtc tctgatgaag cctggaacga gcgtgctgtc aacagagtca gtgcgatccg 720  
 atttgtggag gatgagaaag atgaagaaga caatgagacg agaacacttc taaggcgagc 780  
 cactccacac ccaggggagt taaagcacat gaaaaagaca gtggagaatt tacggaatga 840  
 catgaatgct gctaaaggac tggactcaaa caaaaacgag gtcaatcatg ccattgaccg 900  
 agtgaccact tctgtgtagg agtttccact ccaagtttta cctcctgtgt cttcctctgc 960  
 tgtcgagacg ttctgtctcg cttcccggga gcctcacgtg ctccctgtcc taaccagccc 1020  
 ccgcgcgcca tcttcccgtg gagtgtgggg aagctgctgt ctcccaggaa gtgccttact 1080  
 catcccgcaa ccagtcagcg caccagtggg ctcccgggtg gatTTTTTTT ttttttaatt 1140  
 tcagttgttt gtaataagta gaatacacta ctgtaaacat acgacctttg tttttgtctt 1200  
 atgttggggg aaaggaaagc aggaagggga atttttatcc tcctcccttc cgtaaagtgc 1260  
 tgggatattt tgaatccccc aagttccctt ggacctactg atgagagata gttttatgta 1320  
 tggggaaaaa tggatacttt ttaaaccctt tttggcagct cagatgggtg aaattttaaa 1380  
 attttgtata ggtatttcat aacaaaaata tgtatttctt ttttgttatt ttatcttgaa 1440  
 aacggtacat attttagtat ttgtgcagaa aaacaagtcc taaagtattt gtttttattt 1500  
 gtaccatcca cttgtgcctt actgtatcct gtgtcatgtc caatcagttg taaacaatgg 1560  
 catctttgaa cagtgtgatg agaataggaa tgtgggtgtt taaagcagtg ttgcatttta 1620  
 atcagtaatc tacctggtgg atttgtttt aaccaaagg atgaattatc aatgatttgt 1680  
 aattatatcg gttgattttt tttgaaaaga tgaaccaaag gatttgactg ctaatatatt 1740  
 attccttaca ctttttttct gaataagtct ctcataatga gtgcagtgtc agactgtgcc 1800  
 tactctgatg gtatgtgcc a tttgtaaaat aaaatagagc agaaaaacc 1849

<210> 1265  
 <211> 784



[illegible]

```
<210> 1266
<211> 535
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(536)
<223> similar to gi2347100 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

777

<210> 1267  
 <211> 2262  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2263)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (8)...(845)  
 <223> similar to gil469876 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1267  
 tgaagaactg ctgtgttttag atgtctctga aaacaggttg gaaagacttc ctgaagaaat 60  
 cagtggcctg acttcattaa cggatttagt catttcccag aacttatttag aaacgattcc 120  
 ggatggcatt ggaaaactaa agaaactgtc aatcttgaag gtggatcaga atagactcac 180  
 acagttgcct gaagcagttg gggaatgtga aagtctcact gagttagttc ttacagaaaa 240  
 tcagctcctg accctgcctt aaagcatttg aaaactaaag aagttgagca acttgaatgc 300  
 agacagaaat aaattagtgt ccttaccaaa agagatcggc ggggtgctgca gcctcactgt 360  
 gttctgtgta cgtgacaaca gactaactcg gatacctgca gaggtgtcac aggcaacaga 420  
 acttcattgtc ctggatgttg cagggaacag gttgctgcat ctacctttat ccctgactgc 480  
 cttgaagttg aaggctctgt ggctatctga caaccagtcc cagcccctgc ttacattcca 540  
 gacagacaca gactacacca caggagagaa gattttaacc tgtgtcttac ttctcagct 600  
 gccttctgaa cctacttgtc aagagaatct gcctcgctgt ggtgcactgg agaacttggg 660  
 aaatgatgtc tctgatgaag cctggaacga gcgtgctgtc aacagagtca gtgcgatccg 720  
 atttgtggag gatgagaaag atgaagaaga caatgagacg agaacacttc taaggcgagc 780  
 cactccacac ccaggggagt taaagcacat gaaaaagaca gtggagaatt tacggaatga 840  
 catgaatgct gctaaaggac tggactcaaa caaaaacgag gtcaatcatg ccattgaccg 900  
 agtgaccact tctgtgtaga gtttcacctc caagttttac ctctgtgtgc ttctctgtct 960  
 gtcgagacgt tcctgtctgc ttccggggag cctcacgtgc tccttgtcct aaccagcccc 1020  
 cgcgcgccat ctttcccctg gagtgtgggg aagctgctgt ctcccaggaa gtgccttact 1080  
 catcccgcaa ccagtcagcg caccagtggg ctcccgggtgt gatttttttt ttttttaatt 1140  
 tcagttgttt gtaataagta gaatacacta ctgtaaacad acgacctttg tttttgtctt 1200  
 atgttggggg aaaggaaagc aggaagggga atttttatcc tcctcccttc cgtaaagtgc 1260  
 tgggatattt tgaatcccc aaagtccctt ggacctactg atgagagata gttttatgta 1320  
 tggggaaaaa tggatacttt ttaaaccctt tttggcagct cagatgggtgt aaattttaaa 1380  
 attttgtata ggtatttcat aacaaaaata tgtatttctt ttttgttatt ttatcttgaa 1440  
 aacggtacat attttagtat ttgtgcagaa aaacaagtcc taaagtattt gtttttattt 1500  
 gtaccatcca cttgtgcctt actgtatcct gtgtcatgtc caatcagttg taaacaattg 1560  
 catctttgaa cagtgtgatg agaataggaa tgtgggtgtt taaagcagtg ttgcatttta 1620  
 atcagtaatc tacctgggtg atttgttttt aacccaaaag atgaattatc aatgatttgt 1680  
 aattatatcg gttgattttt tttgaaaaga tgaaccaaag gatttgactg ctaatatatt 1740  
 attccttaca ctttttttct gaataagtct ctcataatga gtgcagtgtc agactgtgcc 1800  
 tactctgatg gtatgtgcca tttgtaaaat aaaatagagc agaaaaacac aaaaagagaa 1860  
 cactggttca gacattcagt gggcaagtaa attatggact gcaaaaataat gatttttatt 1920  
 caagaaagct ttaaaagttt tatatccaga tatacaacca caataaagca aaataaccta 1980

ctatcaaaat	agaaatgttg	ctatctttat	aagtgcatt	taatttgtaa	atagagtttg	2040
aatcaaagta	tcacaaaata	ctgcttcaag	atttaatttt	aaatctgcta	atttaaggga	2100
tattgggaaa	agttttgggtg	tgtttctgtt	gatttctttt	ttgtatgctg	tgataaaaaga	2160
gaaatgaaaa	gtgccagtca	ctgtgtggtg	tctaggaaaa	tcatatatat	ttttttctcc	2220
aagaaataaa	ttcatcctgg	acattggcnn	nnaaaaaaaa	aa		2262

<210> 1268

<211> 435

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(200)

<223> similar to gil335205 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1268

ccccacagtg	aatgtcacac	tcaatggtga	aagactgaaa	gctttgcctc	caagatcagg	60
aagacgagga	tgctcacttt	tgccacttct	gttcaacata	atattggaag	ttttagctaa	120
agcaatcagg	caagaaaaaa	gcatccaaaa	tgaaaaggaa	aaagtataat	tatctctgct	180
gacagatcac	atgatctcat	gtaaaaccct	acagttaaaa	agttaactac	ctgaaagcta	240
taaaatgttg	ctgaaaagaaa	ttttaaaaga	cataaagaca	tcctgtattc	atggatagga	300
agactcacta	ttgatgtcag	ttttattcta	tattgatgtc	aacttcatct	atagattcag	360
tgcaatctca	aaccagtaaa	ttattttggtg	gatggtgaca	aaattactct	aaagtttatt	420
atggaatctc	gtgcc					435

<210> 1269

<211> 832

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (16)...(758)

<223> similar to gi4102980 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1269

gatttacttg	cggtgaagga	aaaatttgaa	gaggagaggc	tgagggaaca	gcaggaaatc	60
gagctgtaga	agaagagaca	agaagaagag	acctttctcc	gcgtccaaga	agaactccaa	120
cgactcaaag	aactcaacaa	caacgagaag	gctgagaagt	ttcagatatt	tcaagaactg	180
gaccagctcc	aaaaggaaaa	agatgaacag	tatgccaaagc	ttgaactgga	aaaaaagaga	240

ctagaggagc	aggagaagga	gcagggtcatg	ctcgtggccc	atctggaaga	gcagctccga	300
gagaagcagg	agatgatcca	gctcctgcgg	cgtggggagg	tacagtgggt	ggaagaggag	360
aagagggacc	tggaaggcat	tcgggaatcc	ctcctgcggg	tgaaggaggc	tcgtgccgga	420
ggggatgaag	atggcgagga	gttagaaaaag	gctcaactgc	gtttcttcga	attcaagaga	480
aggcagcttg	tcaagctagt	gaacttggag	aaggacctgg	ttcagcagaa	agacatcctg	540
aaaaaagaag	tccaagaaga	acaggagatc	ctagagtgtt	taaaatgtga	acatgacaaa	600
gaatctagat	tgttggaaaa	acatgatgag	agtgtcacag	atgtcacgga	agtgcctcaa	660
gatttcgaga	aaataaagcc	agtggagtac	aggctgcaat	ataaagaacg	ccagctacag	720
tacctcctgc	agaatcactt	gccaaactctg	ttggaagaaa	agcagagagc	atttgaaatt	780
cttgacagag	gccctctcag	cttagacaac	actctttatc	aagtaaaaaa	aa	832

<210> 1270

<211> 432

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (342)...(435)

<223> similar to gil289445 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1270

gcccgggacg	accacgcgt	acgactcagt	ttaagtccaa	acttttcta	aatttgatgt	60
agcagcgtaa	tgggctgcat	tactagttag	ttccttatgt	gagtgtgcga	gcatatgctg	120
gatgacttat	ctagaataat	gtagaagaga	attaaacatt	gaatgggagc	ttaaattagt	180
taattttctga	ggttcccttc	cattcttaga	attctttgat	ttttatattg	aattgagaga	240
actagtatag	tttttatatt	agcaaattat	aacaccattg	ttctcaaggc	atggaaaatg	300
tgctttttcat	ctttaagata	ctaaaccttt	tactcatgag	caattttttt	tagctagcct	360
ctaagcttgg	aaagcagtgg	accccattaa	taatcctggc	caactctctt	agtggaaacta	420
atatgggaga	ag					432

<210> 1271

<211> 919

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (107)...(912)

<223> similar to gi4567180 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 1271
atacagagat gtgatgctgg agaactataa gaatctagtt gcagtagatt gggagagtca      60
tattaatacc aaatggtcag cacctcagca gaattttttg caggggaaaa catccagtgt    120
ggtggaaatg aattcagagt aaaagggaga atctcaatga aataaatttg gaaaactttct    180
atgaaccatc attaattttc accaacagga gagaaaccat tttggagagg aactgtttga    240
ctttaaccaa tgtgaaaaaag ccttgagtga acactcatgc cttagactc acaggagAAC    300
ttacttttaga aagaaaacct gtgagtgtaa tcaatgtgaa aaagccttca gaaaaccctc    360
tatcttttact ttacacaaga aaactgatat cggagaggaa cttcctaact gtaatcaatg    420
tgaaacagcc ttcagccaac atctacatct tgtttgcaag aaaactagcc aaaatctaca    480
tcttgtttgc aagaaaactc acactcaaga gaaaccatat aaatgcagtg actgtgaaaa    540
aggcttacct tcctcctcac acctcagaga atgtgtaaga atttatgggt gagagagacc    600
ataactcat aaggagtatg tcgaaacctt ttctcattct acagcccttt ttgtacacat    660
gcaaaactcaa gatggagaaa aattctatga atgtaaagca tgtgggaaac ctttactga    720
gtcgtcatat cttactcaac atttaagaac tcatagtaga gtgttaccta tagaacataa    780
gaaatttggc aaagcctttg ctttttcccc agatcttgct aaacatataa aacttaaac    840
tagaggaaaa cactatgttt gtaatgaatg tggcaaagaa tttacttggt tctcaaaact    900
caacattcac ataagggggg                                     919

```

```

<210> 1272
<211> 418
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (301)...(368)
<223> similar to gi3860018 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1272
cgacccacgc gtccgtactt gtgcaactcc tttactgggc cttctaatat aaatcgtggt      60
ttgttgaact gtctgtaaat gttttatcaa atgatttgga ccaatggacc agccaagctt    120
ccagccagtt caacaaaaca cgatttatac ttgtgcaact cctttacagg gccttctaata    180
ataatttggg atttggggag cagatacata ttcactgtta tcaagcatgg tttgggtttt    240
tttttaaaca caatttttagc tgtgtttaaac attgctggca ggaatctaaa gtgctacaaa    300
ttctgtgaag gacaatggca acaccaaaaca aaattacaca tgtgttttggc ccatgaaagc    360
aatccatctt ctaagaattt accctaaagt tgtgttttag tccgttcttg cacttagg      418

```

```

<210> 1273
<211> 1132
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(1134)

```

<223> similar to gi407139 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1273

tgcgtacaga	cagccaaagc	aacggcaaag	aatcatggct	gagagggagg	atgaagagtt	60
gcttcgccc	gttacgacca	cccagcatct	ctcagaatac	aaaagcgaac	ttgacttcat	120
gtcaaaggag	gaaaagtcta	gaaagaaatc	aaggcgacaa	agagaagtga	cagaaataac	180
agaaattgag	gaagaatacg	aaatctcaaa	acatgctcaa	agagaatcat	cctcatctgc	240
gtctagacta	ctgagacgac	ggcgctccct	gtctccaact	tatattgagt	taatgaggcc	300
agtgtctgag	ctgatccggt	cacgtccaca	accggctgag	gaatacgaag	atgacacaga	360
aagaagggtca	cctactccag	agagaactcg	cccacgatcc	cccagccctg	tgtctagtga	420
gagatcactc	tcgagatttg	agaggctctgc	aagatttgat	atcttttcca	ggtagagtgc	480
catgaaagct	gctttaaaaa	ctcagaagac	atcagaaagg	aagtatgaag	tttgagtca	540
gcagcctttc	acactggacc	atgcccctcg	aatcacactg	agaatgcgct	cgcacagggt	600
accatgtggc	caaaatacac	gttttatatt	aaatgttcag	tctaagccaa	ctgccgaggt	660
taaatggtac	cacaatggtg	tggaaactcca	agaaagcagt	aagattcatt	acaccaacac	720
gagtggagtt	ctcacccctg	aaattctgga	ctgtcatact	gatgacagtg	gaacctaccg	780
tgctgtgtgc	accaactaca	agggcgaagc	ttctgactat	gcaacgttgg	acgtgacagg	840
aggggattat	accacctatg	cttcccaacg	cagagatgaa	gaggtcccca	gatctgtttt	900
ccctgagctg	acaagaacag	agggcgtatg	tgtttcatca	tttaagaaaa	catctgagat	960
ggaagcttcg	tcttctgtca	gggaagtga	atcacagatg	acggagacaa	gggaaagtct	1020
ctcctcatat	gaacactctg	catctgcata	aatgaaaagt	gctgcattat	aagaaaagtc	1080
actggaagaa	aaatccacaa	ccagaaagat	caagacgact	ttggcggcaa	gg	1132

<210> 1274

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (7)...(335)

<223> similar to gi2065210 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1274

taggacctcc	ttggattttg	gaggcaacat	attcctcata	tggctttggt	actctggcct	60
atztatgaag	cgacctgaga	agctgctagt	tttgagtggg	gtccagaata	agaaaatgct	120
ctgcaacagc	tccaggctgc	tctgcaagct	gctctgccac	ttggggcata	tgatccagca	180
gatccaatga	cagtgggtgct	tgaaatgaca	gtggcattta	gggatgttgt	ttggagctct	240
tggcaggctc	ccataggtga	accacagctc	aggcccttag	gatttttagag	caaagacttg	300
ccatctcctg	cagataacca	ctctcctatt	gagaacagct			340

<210> 1275  
 <211> 230  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(202)  
 <223> similar to gi3790577 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1275  
 tgtgttgcaa tcttacgtgg atgctgatgc tgatgaaaac ttttacactt gtgcatggac 60  
 ctatgatagc aatacgagcc atcctctgct ggctgtagct ggatctagag gcataattag 120  
 gataataaat cctataacaa tgcaagtgtat aaagcactat gttggccatg gaatttcagc 180  
 tcattgatag catttccatg gccaacatag tgcctagtgc tagatcgcca 230

<210> 1276  
 <211> 2058  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(2059)  
 <223> similar to gi3378196 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1276  
 aaagaataca agaaagacct ggagtcaata attaaaggga aaggaatgca agctggcact 60  
 gacacccttg aaatgcagca tgccaagaag gctgcagaga tagcgagtga gaaagactat 120  
 aaaagagatc tggagactga aattaaaggg aaaggggatgc aggtgagcac agacactctt 180  
 gatgtccaga gagctaagaa agcatccgag atggccagcc agaaacaata caagaaggac 240  
 ttagaaaatg aaattaaagg gaaaggaatg caagtgcagca tggatatccc agatatcctt 300  
 cgagccaaga ggacatctga aatctatagc cagagaaagt ataaagatga agcagagaag 360  
 atgcttttcta actattctac catagcagat actcctgaaa ttcagagaat taagacaact 420  
 caacaaaaca ttagtgcggt attttataag aaagaagtgg gagctggcac tgcagtgaaa 480  
 gatagcccag agatcgaacg agtgaagaaa aatcagcaga atattagtgc agtgaaatac 540  
 aaagaagaga ttaaacatgc aacagccatt tctgactctc cagaactaaa gagagttaaa 600  
 gaaaaccaga agaacatcag caatctccag tataaagagc aaaactaaa ggccactccg 660  
 gtaagcatga ccccgagat agagagagtg aggcgaaacc aggagcagct gagtgcggca 720  
 agtcgtttct gtttcctttt atattttctc aaacataaca tattttttatt taaaaatatg 780  
 ccctttggaa ggccattatc cttagcaaac taacacagga acataaaaacc aaatactgca 840  
 taataatgag agctaaatga tgagaataca tggacacata gagggggaata acagacaccg 900  
 gagcctgttg gacgggagag gatgggagga gggagaggat ccggaaaagt aactgttgag 960  
 tactgggctt aatgccgggg tgatgaagtc atctgtacaa caaactccca taacacaagt 1020  
 tcacctgtgt aacaaacctg cacatgtacc gctgaactta aaagttttaa aagaaaatga 1080

atttgagcaa	catgcaatta	tatggatgaa	tcatatcatt	ataacatgaa	aaagtgatat	1140
gtacatgcag	cattaattct	ttgtaaat	ttt	aacaactgca	ataataacga	1200
cggatatctc	cagattttaa	aaactatcta	aaaattttaa	aaggaaaagt	ttacaccctc	1260
tgcatttttg	gatgttcctt	ttcacatttc	cttggtgaag	ggcatgaact	gcgtgtccag	1320
gaaatttggg	actgtgttgc	tgtaccttag	ctgtgtttgc	ttattcaaga	gatcttcatt	1380
aagtacccaa	atgtactggg	cattgtcctg	gtcaccacga	cacaaagatg	ggtaaaatat	1440
aaggggagaa	ttcaacgggg	aactgcaatt	tctgatccac	cagagctgaa	gagggcaaaa	1500
gaaaaccaga	aaaacatcag	caatgtttat	tacagagggtc	agctgggaag	agctaccact	1560
ttaagtgtaa	ctcctgaaat	ggaaagagtg	aagaagaatc	aagaaaatat	tagctcggta	1620
aaatataccc	aggaccataa	acagatgaaa	ggtagacca	gtctgatttt	agatacacct	1680
gctatgagac	atgttaaaga	agcacaaaat	catatttcaa	tggtaaaata	ccatgaagat	1740
tttgaaaaaa	caaaggggag	aggctttact	cccgtcgtgg	acgatcctgt	gacagagaga	1800
gtgaggagaa	acacccaggt	ggtcagcgat	gctgcctata	aaggggtcca	ccctcacatc	1860
gtggagatgg	acaggagacc	tggaaatcatt	gttgacctca	aagtttggcg	cacagatcct	1920
ggctccatct	tcgaccttga	tcccctggaa	gacaatattc	agtctagaag	tctccatatg	1980
ctctctgaaa	aggcgagtca	ctataggcga	cactgggtctc	gatcccatc	cagcagtact	2040
ttcggtagac	gtctcgga					2058

```

<210> 1277
<211> 411
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(299)
<223> similar to gi3882331 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1277	
cccacgcgtc	cgcttcactg tcatcttttt ccactttgac taaaaagata tttcagagag 60
cttcttactg	gatttcttca tgggtgtccat tttatttagc aagctcgggg acctgcttca 120
caagttacag	ttcgctcctga catatgtggc tccttggcag atggcttggg gttcttcggt 180
tcacgtgttt	gctcagctct ttgccattcc tcgaatggaa acatacttag gataatcctt 240
gagtgtataa	atattttata ttttgaaaaa tgatttcttc caggccctaa ctttttttaa 300
aaaaatgtta	agcatatcga gagtggatct cacaatacac attgttctat gttgctattc 360
ttagatgtgc	attgatattt ctaaagtgtt tcaaggtcat ttggcagaac c 411

```

<210> 1278
<211> 1137
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(552)

```



<223> similar to gi5101774 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1278

cttctaccac	tcccactgcc	acacagccaa	cctcactgtg	gcaactagct	gttcagtctc	60
caggccagtc	aaaccagacc	acgaatccca	agctaggtaa	ggcttcggaa	gaggagatgg	120
cagagccagg	ttgggatggg	gggtggagaa	cagatgatta	tcacttgggc	accgtagctc	180
cctccttccc	ctctccacct	gcagtgcgca	ttgccagctt	tgtcactgtg	aagcgacctg	240
gtgttacagg	cgaaaatagc	aatgaagtgg	ccaaattggg	gaataccctt	aacaccatcc	300
cttccttggg	ccagagtcct	gggccagtgg	tgggtgtcaa	caacagctct	gctcatggct	360
ctcaaagaac	cagcggacct	gagtcctcaa	tgaaagggtac	aataacctga	aagactctga	420
gcagccagtc	attcaaaaaac	attaataaaag	ggtttggtgt	atcagagctt	tatactcaga	480
aatagaaaaa	taaaataaaaa	tacagctgct	gtagtgtgtt	cttacagaaa	ctttagtaag	540
gagaaaagcca	cttacaaaaa	gtgtaactga	atcagctcca	agaaattatg	tgtgtaattg	600
tgtcttggag	attagtgaag	ttgattgatt	aaagatgggt	gagataatga	aagataactt	660
catggaagag	atggatttct	gagcaagggt	ttaaagttag	gatttggtag	agagatcttc	720
aggttgagaa	tgatgagcat	gagggttttc	agtgggtctag	agcaggggtc	ggcaaagtgt	780
ttctgtaaag	ggcctagtag	taaagtgtga	ggcttctgtc	acaatatata	gcctctgttg	840
cagctattaa	ctgtgctgtt	gtgggtggga	agcagccaca	gatacataaa	cgaatgagca	900
tggctgtgct	ccactaaaaa	ctatttatgg	actctgaaat	ttaagtttca	taaaattttc	960
atgtgtcgaa	aagttttatt	ctttttatttc	aaccatttaa	aaataaaaac	cgcaagggtat	1020
agtggctcac	acctcatccc	agcattatgg	gaggccaaga	cgggaggatc	acttgagcct	1080
aggagtttga	gaccagcctg	ggcaacatgg	tgagatccca	tctctacaaa	aaaaaaa	1137

<210> 1279

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (379)...(523)

<223> similar to gi2911135 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1279

caagaggtca	attgtgtgta	tgtgcatctg	acggctctca	ccttctcaca	tcctctcact	60
cagcgtgaag	gggccagagc	tcattaacat	gtatgtgggc	caaagtgagg	agaatgtgcg	120
ggaaggtgag	tgagcagggg	ggggcagggc	gtcccatgct	tcccaaacc	cgatggcccc	180
caagccaccc	cctactccca	ggctactcat	gatcattcct	aatcctcctt	tctacaagtc	240
aggttctctg	ccagctgggt	ctagtacctg	ggatgccagt	gctgtattgt	caggccccag	300
tttccctccc	tgtcttcacc	taacttcaac	cccccaaac	ccgagctttg	ccctctctgt	360
ggccccctct	tctcttcagt	gtttgccagg	gccagggtctg	cagctccatg	cattatcttc	420
tttgatgaac	tggactcttt	ggccccaaag	cgggggcgaa	gtggagattc	tggaggagtg	480
atggacaggt	aggggtctga	gtgggaatga	aagctgaggg	gtccaggggtg	ggaaggatat	540
gagaaagctc	acagcagctc	tcagagtcca	gagatagaag	ttcctgctgt	ttcagttctg	600
agataatata	atggaagctg	aaagggggcca	tgaaattggg	caggtggggc	ccttgtagctg	660

ctcatctcca ccctcatTTT gtgcctcctt caccctcaa cgaaa

705

<210> 1280  
<211> 796  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (76)...(755)  
<223> similar to gi3858883 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1280  
tttcaggagg ctgcagttca gctttattct catgcccctc atgtccagtt aaggctcaag 60  
atcagcccag gccacagtcc cccagcactg ggactcagct tcccacctgg acagggcagg 120  
gggttctctt gccaaactcct gccagcctcc ttcagctggg ggatcccccga gagaccgctg 180  
cctcagcggg agccacctgg aagaaccaga actccagcct ggagctgctc gtgggggcca 240  
gccatccccc ctgtccacac actcgtccca gctccatctc cgggccccgg cgctgaccgt 300  
ggaggatctc agggcccagg cctccttgtc caaggactcc ccttgggggtc cctgggtccc 360  
tgagctcttg ggctgcctgg ggccctccgt gacactccag tgccgagaag gctgcactcc 420  
caagcctgct gttcccacgg tgtcactggc tgagggatgg ggtgagggga cgtttctccg 480  
gttctgttac ctcagggccc tctcggttgg catctgtttc gtgttcttgc agggctcag 540  
cggagtcttc ccatcccaca ccaggctctg ggaggcaca aagaaccact gggcccaggg 600  
ccagtgcgga agtggacaga gcttgcagga gacacagggg acaagaagga agcctcctcc 660  
cccaaggagc tgggtgggtcc acaaagagtt ggggggctgg ctggtacagt gacccttgtc 720  
cctcaccttt gctgtgggag acgggcgccc ccagggggcc tggatggcgc tgtcgaaatc 780  
gttgccctagg ggtgtc 796

<210> 1281  
<211> 544  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (19)...(23)  
<223> similar to gi4049922 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1281  
ggtcgaccca cgcgtccgaa aaataaagaa aatggaaaag ttgagaatgg gttaggcaaa 60  
actgatagga aaaaagaaat tgtgaagttt gagccccaag tagatacaga agctgaagac 120



<220>  
 <221> misc\_feature  
 <222> (136)...(337)  
 <223> similar to gi3063532 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1283  
 tttttttttt aacattctga agatggtgtc tgtgtcaaga aggacctttt ttttcccctc 60  
 tcccctatatt ttttaagtacc ttggaggagg agaggttggt gacatgcatg gtgggggatct 120  
 atggcctctg gtgctttgtc ctgtatttgg tttaatgttt ttgtcctaata cttcaatcaa 180  
 taaaattgtg cgtattttaac taaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240  
 aaaaaaaaaa atgggccccct ttaaattaaa agggccccta aaaaccccggt aaaacccccc 300  
 gaggggggctt ttttatgccc cccctttttt tttttccccc ccccccggtt ttttttttgc 360  
 ctggggggggg gccccccccc cttttttttt ttaaaaaaaaa aaaaaaaatc cccccctttt 420  
 tttgaagggg gggttttttt tttggggaag cccccaaaa 459

<210> 1284  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(412)  
 <223> similar to gi4106984 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1284  
 tccgtcgcg c acgaggtggc ctggttggct ttaccttggt tcgcggtcgt ccttggttat 60  
 cgtgagcgtc cgcattgtctc tgggaggcca agcctagggg cgcacacagcg cctgcgcgcg 120  
 tacggcggcc ggaagggggt agaggcgggt ccctgggtga caaccgcgcg cccacacctt 180  
 cccacagtgg ccgcgaagac cggcacctgt gactgagtg cctgctgcgt gtcggggccc 240  
 gtcttaggca gtggggacaa ggaggctaca gggtaaaaat aaatgagtg acgatgttgc 300  
 tctagatata gctcaggagc atctatcggc tgcacgcaa catcaacaca ggcgaagatg 360  
 gtctccaagc gcattgcccc ggagaccttt gatgcagctg tgcgcgagaa t 411

<210> 1285  
 <211> 1116  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (220)...(529)  
 <223> similar to gi517115 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1285

tttgagtcga	ctacccgtgc	ggtggaattc	gttacaagta	attgccttag	tttttttccc	60
cttaagtcta	cagaataagt	tttttctgat	ctatttgata	ggtttttggt	tcagggtgttc	120
aggagagatt	taattctggt	taaagaacaa	atatatggtg	ggaatttctt	ggtttttgag	180
ttatatataa	tatctcttcc	ctctgactaa	tcttatttga	aaatttagaa	ctgtgggcca	240
ccagatgact	tcagatgtcc	caatccgaca	aagcagatct	ggacagtga	tgaagctcta	300
attcagaaat	ggctgagcta	tccttctgga	aggtttcctg	tggagatagc	caatgagata	360
gatggaacgt	tttcttcctc	tggttgccta	aatggaagt	ttttagctgt	tagcaatgat	420
gatcactata	gaacagggtac	cagattttca	ggggttgata	tgaatgctgc	taggctttta	480
ttccacaaac	ttatacaacc	tgatcatccg	cagatatctc	agcaggtaaa	tgagaaaatg	540
ggacagatta	tacagtatga	taaattttat	atacatgaag	tacaagaatt	gatagacata	600
agaaatgatt	atatcaactg	ggtccaacag	caggcctatg	gaatggtagg	ttttctgtgc	660
aatttgtgat	ttcattttta	tgtatatgta	tctaataaaa	aaagaaacaa	ttgcttggtt	720
ttgaaatgag	aaagtttttt	cagaactttt	atccagaact	tactttttta	ataataacac	780
attgcaaagg	agtgtctatat	attttacaat	atttatatgc	aaacattcta	ctcttttacc	840
aaagccaaac	caaagaaatg	gattacactg	taaaacaaaa	caaaacaaga	caaaaaaaaa	900
cctacaaggg	tgaaagggat	ttttaactct	tttattttcc	atgagggtgc	ctcttatttc	960
tccagtgttg	aaaatactgg	cattcttcat	actggaactc	ctaagaatgc	attattgttg	1020
tgaaattggt	gcttcaagac	taccaaaga	ggactgggtg	tggtagctca	tgacctgta	1080
cttagcactt	tggagcctga	ggcaggtgga	ttccct			1116

<210> 1286

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (9)...(464)

<223> similar to gi4959382 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1286

ggcacgagat	aggactagga	gttaccaatg	ccacaggaac	tggaatagca	ggtttgtccc	60
cttccctgtc	ctactatcat	acactcttaa	aggatctctc	agacagccta	caagacatag	120
caaaatccac	ccttactctc	caatcccaaa	tagactcctt	agcagcagta	actctgcaga	180
accaccgtgg	cttagacctc	ctaaccgtcg	aaaaaggtgg	gctatgcacc	tttttagggg	240
aagattgttt	ttccaccaac	cagtctggac	tagtacgaga	tgctgcctcg	cagttaaatg	300
aaaaggcttc	taaaatcaga	caatgtcttt	cagactttta	acaccaatct	ttggagctgg	360
ggctttgtgg	gcttctccct	atagctgggc	ccctcatttc	catcattctc	cttctcctat	420
ttggaccctg	cctcttccgt	ctagcctctc	agttcctaca	aaag		464

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```
<210> 1288
<211> 495
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (495)...(0)
```

```
<400> 1288
ggcgc cctttttttt tttttttttt ttttttcatt ttaaacaaga agtttattta
ccaag acgcctttgac ttgaaggag wagtgtcta gaattctttt ttgttttagt
```

```

tggaatgagc atgccaccta atgggagaaa ggggggtatt ttccacagaa tcagtaattt 420
ttcccccatc ccgggtctcc cacttggatg gtcaatccaa acctacccat tgggcnggtt 480
tagttaaaaa aaaaa 495

```

```

<210> 1289
<211> 436
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (177)...(337)
<223> similar to gi5763957 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1289
ataacccatt tgggaggctg gctgcaaatt gctttgctta gcatggccat ctggaaggag 60
gctttaaagt cttccacatg gccagggcct tgaagggtatt aacccaacct cttagttctg 120
attatgtgtt cttaaatcaa acgggccagg acctatgtcc acagcaactc cagcaccatg 180
gccagacctg agtcctcctc tctctgcaga gggacgacat ggaggctgtg ccagggtacc 240
tgtccctgca ccagacggct gacgtcatga ccttgaagtg gacacccaac cagctgatga 300
acgggtctgt gggggacctg gactatgaga agaggtaggg cactgggtct gatacgtatc 360
ccttgggtcc ctccactcgc cttggcacia ggaagttcct ccccggggga ggggaggttt 420
gcatcccgcc cctgct 436

```

```

<210> 1290
<211> 780
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(781)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(783)
<223> similar to gil429371 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1290
ccatgcatag gattaaactg aatgatcgaa tgacatttcc cgaggaacta gatatgagta 60

```

cttttattga	tggtgaagat	gagaaatctc	ctcagactga	aagttgcact	gacagtggag	120
cagaaaaatga	aggtagttgt	cacagtgatc	agatgagcaa	cgatttctcc	aatgatgatg	180
gtgttgatga	aggaatctgt	cttgaaacca	atagtggaaac	tgaaaagatc	tcaaaatctg	240
gacttgaaaa	gaattccttg	atctatgaac	ttttctctgt	tatggttcat	tctgggagcg	300
ctgctggtgg	tcattattat	gcatgtataa	agtcattcag	tgatgagcag	tggtacagct	360
tcaatgatca	acatgtcagc	aggataaacac	aagaggacat	taagaaaaca	catggtggat	420
cttcaggaag	cagaggatat	tattctagtg	ctttcgcaag	ttccacaaat	gcataatatgc	480
tgatctatag	actgaaggat	ccagccagaa	atgcaaaatt	tctagaagtg	gatgaatacc	540
cagaacatat	taaaaaacttg	gtgcagaaaag	agagagagtt	ggaagaacaa	gaaaagagac	600
aacgagaaat	tgagcgcaat	acatgcaaga	taaaattatt	ctgtttgcat	cctacaaaac	660
aagtaatgat	ggaaaantaa	attgagggttc	ataaggataa	gacattaaag	gaagcagtag	720
aatggccta	taagatgatg	gatttagaag	aggtaatacc	cctggattgc	tgtcgccttg	780

<210> 1291  
 <211> 867  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(718)  
 <223> similar to gi264 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1291						
ctcagtcatg	ccagtgcctg	ctctgtgcct	gctctgggcc	ctggcaatgg	tgacccggcc	60
tgctcagcg	gcccccatgg	gcggcccaga	actggcacag	catgaggagc	tgacctgct	120
cttccatggg	accctgcagc	tgggccaggc	cctcaacggt	gtgtacagga	ccacggaggg	180
acggctgaca	aaggccagga	acagcctggg	tctctatggc	cgcacaatag	aactcctggg	240
gcaggaggtc	agccggggcc	gggatgcagc	ccaggaaactt	cgggcaagcc	tggttgagac	300
tcagatggag	gaggatattc	tgcatctgca	ggcagaggcc	acagctgagg	tgctggggga	360
ggtggcccag	gcacagaagg	tgctacggga	cagcgtgcag	cggctagaag	tccagctgag	420
gagcgcctgg	ctggggccctg	cctaccgaga	atttgaggtc	ttaaaggctc	acgctgacaa	480
gcagagccac	atcctatggg	ccctcacagg	ccacgtgcag	cggcagaggc	gggagatggt	540
ggcacagcag	catcggctgc	gacagatcca	ggagagactc	cacacagcgg	cgctcccagc	600
ctgaatctgc	ctggatggaa	ctgaggacca	atcatgctgc	aaggaacact	tccacgcccc	660
gtgaggcccc	tgtgcaggga	ggagctgcct	gttactggg	atcagccagg	gcgccggggc	720
ccacttttga	gcacagagca	gagacagacg	caggcgggga	caaaggcaga	ggatgtagcc	780
ccattgggga	ggggtggagg	aaggacatgt	accctttcat	gcccacacac	ccctcattaa	840
agcagagtca	aggcatctca	aaaaaaa				867

<210> 1292  
 <211> 510  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (92)...(512)  
 <223> similar to gi2281102 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1292  
 ggacggcgct gcggaaccaat cgcgtgcgtc tatgcaaata gcggtcgttc tggcgaactc 60  
 tgctcccgcg ggggtgagagt tggccgctct tcggccgagc tgcccgcgcg tcctttctcc 120  
 gtgcgcgtcg tcaggcgtgt cctctccgcg tgtccacca caggccgccc gcagaccacc 180  
 cccgccgcgc gcgggacacg acgccccccg caggaccgcg ccatcagccc ggaaaccctc 240  
 gagctgcttc tcccggaggc cgatgcccac ccgggagccc ccaaagactc gcggctcccg 300  
 ggggcacctg catactcacc cgcctggggc tgggccccg gtgagcctga ccgggagggg 360  
 gtccccaggc cgggcctcta ggcaaaaagat ttagcccctc cagtttgagg gactccggtt 420  
 tcccagacacc ccgatttaac tccagaccac gattcctgtg gcagctgcag ggactggcgc 480  
 cccgaggcct caaaaccagc gccccccgcc 510

<210> 1293  
 <211> 368  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(369)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc\_feature  
 <222> (3)...(185)  
 <223> similar to gi4185939 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1293  
 ggaaaaactc ccagacaaat acctgggaac ctggaacaat tataatgtgg ggaagagggg 60  
 atgcttgtgt ttcaccagga gatcatcaat cccctgtctg ggtgcccact agaagacttt 120  
 aacttcgtgt gaatactgac aatgaaaaac acagggaaga gatgtccacg tcagagactg 180  
 cctcatacc tgggtgagatc tgtgccaact cctcaaaaac tggcacacca aatcaaaatg 240  
 gatctcattc aatcctccct aatggcaaca gagaccctc taactaatcc cacttctcct 300  
 aattaccttt ctttttctcc ttacaaacct gaaaatctca ccatttctat tagcctgaaa 360  
 ataacatn 368

<210> 1294

<211> 732  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (4)...(415)  
 <223> similar to gi5305335 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1294  
 agtccctcct gcactccagc aactccagcc atcagtcatc ttccagatcc ttggaaagtc 60  
 cagccaactc ttctccagc ctccacagcc ttggctcagt gtccctgtgt acaagaccca 120  
 gtgacttcca ggctcccaga aacccccacc taaccatggg ccaaccocaga acacccact 180  
 ctccaccact ggccaaagaa catgccagca gctgcccccc atccatcacc aactccatgg 240  
 tggacatacc cattgtgctg atcaacggct gcccagaacc aggggtcttct ccacccagc 300  
 ggacccagc acaccagaac tccgttcaac ctggagctgc ttctcccagc aacccctgtc 360  
 cagccaccag gagcaacagc cagaccctgt cagatgcccc ctttaccaca tgcccagagg 420  
 gtacgtcgta aaccaatatt tgaagcaatg taagatttgg ggaatagaca aagtgccagt 480  
 ggggtttctgc aacagccagt caacacattt attgagcaac tattgtgtgt ctggcactat 540  
 gccaggtagt gaggacacac agaggggaaac agtttagaaa gagacaaaaa caaatcatca 600  
 cggtagggta ggataaacgc ggaggtaaag agatattctc aatcatattg gccaaagctg 660  
 aaggaatgat tctttcagtc tggagaacag aggaagcgac atccgagctg gatctgggaa 720  
 atggatcaaa ag 732

<210> 1295  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (175)...(383)  
 <223> similar to gi3875331 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1295  
 cccacgcgtc cgcttttctc ttggttcttt ttctggggc ggggatggga gattcctaag 60  
 tcggctcagc tggctccttc cctcagtttc agtttccatc ttgggtctct gagctgagca 120  
 gaggggcacc aggtgagtt aagtgggact gccctgggca gacctaccta ctagagcaga 180  
 atggagcttc ggtcctacca atgggaggtg atcatgcctg ccctggaggg caagaatatc 240  
 atcatctggc tgccacaggg tgccgggaag acccgggcgg ctgcttatgt ggccaagcgg 300  
 cacctataga ctgtggatgg agccaagggt gttgtattgg tcaacagggt gcacctggtg 360  
 acccagcatg gtgaagagtt caggcgcagc ctgg 394

<210> 1296  
<211> 690  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (7)...(691)  
<223> similar to gi312142 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1296  
tcggaaccgc cctgaattac ctctgtcgac ccacgcgtcc ggggaaacgc ttctacagga 60  
tatggaaaaa tttggctcga tgatgtttcc tgtgatggag atgagtcaga tctctgggtca 120  
tgcaggaaca gtgggtgggg aaataatgac tgcagtcaca gtgaagatgt tggagtgatc 180  
tgttctgatg catcggatat ggagctgagg cttgtgggtg gaagcagcag gtgtgctgga 240  
aaagttgagg tgaatgtcca gggtgccgtg ggaattctgt gtgctaattg ctggggaatg 300  
aacattgctg aagttgtttg caggcaactt gaatgtgggt ctgcaatcag ggtctccaga 360  
gagcctcatt tcacagaaaag aacattacac atcttaattg ccaattctgg ctgcgctgga 420  
ggggaagcct ctctctggga ttgtatacga tgggagtggga aacagactgc gtgtcattta 480  
aatatggaag caagtttgat ctgctcagcc cacaggcagc ccaggctgggt tggagtgtgat 540  
atgccctgct ctggacgtgt tgaagtgaag catgcacaca catggcgctc tgtctgtgat 600  
tctgatttct ctcttcagtc tgccaatgtg ctgtgcagag aattaaactg tggagatgcc 660  
atatctcttt ctgtgggaga tcactttggg 690

<210> 1297  
<211> 766  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (157)...(767)  
<223> similar to gi2662085 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1297  
atagaacctt cccatccttt ttcccttgta tgaagcttgt gtcctcaatc accgcagaaa 60  
taggttatga cagttgtctt ttaagcaagg agatgtaagc cttgggttctg tttctcatag 120  
aattaaataa acttgaaatg tgcagggtc attgtggaat caccagagtg ctccgaaact 180  
ccctgaaatc cactcattaa caccagacag gtgcgactcc tggtagacca ggtattccac 240  
cgtgcacctg ttctgtttca cctgcagggt aaagaaaaag tactggaaga ttgtcagctg 300  
ccgaagggtc atctcgtagc tcaggtgaaa cagcttcagg aaaaactgaa ccgtttgctg 360  
tattccatga ccttcagaa tgtggatgct gccgacacca aatctctgtg gcccatggcc 420  
tcagcacacc tgttgagag cagctggagt gatgattcct gtgacggaga agagcctgac 480

atatcacccc	acatagacac	atgtgatgcc	aatacagcca	cgggggggtgt	aactgatggt	540
atcaaaaaatc	aggccataga	cgcggtgtgat	gcccaatacaa	ccccagggggg	tgtaactgat	600
gttatcaaaa	attgggattc	cttgatacca	gatgaaatgc	cagattctcc	cattcaagaa	660
aaatcagaat	gtcaggacat	gtctcttttct	tcaccgacca	gcgtacttgg	tggtctccgc	720
caccagagcc	acactgcaga	ggctgtgccc	cgtaagagcc	cggtcg		766

<210> 1298

<211> 672

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(674)

<223> similar to gi2979418 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1298

tggtagagta	tcacgttctt	caagtgccaa	agtaaccata	aatgtgggtg	atgtcaatga	60
caacaaacca	gttttcattg	tccctccttc	caactgttct	tatgaattgg	ttctaccgtc	120
cactaatcca	ggcacagtgg	tctttcaggt	aattgctgtt	gacaatgaca	ctggcatgaa	180
tcagaggtt	cgttacagca	ttgtaggagg	aaacacaaga	gatctgtttg	caatcgacca	240
agaaacaggc	aacataacat	tgatggagaa	atgtgatgtt	acagaccttg	gtttacacag	300
agtgttggtc	aaagctaattg	acttaggaca	gcctgattct	ctcttcagtg	ttgtaattgt	360
caatctgttc	gtgaatgagt	cggtgaccaa	tgctacactg	attaatgaac	tggtgccgca	420
aaagcatttg	aagcaccagt	gaccccaaat	acttgagata	gctgatgtat	cctcaccaac	480
tagtgactat	gtcaagatcc	tggttgccagc	tggtgctggc	accataactg	tcgttgtagt	540
tattttcatc	actgctgtag	taagatgtcg	ccaggcacca	caccttaagg	ctgctcagaa	600
aaacaagcag	aattctgaat	gggctacccc	aaaccagaa	aacaggcaga	tgataatgat	660
gaagaaaaaa	aa					672

<210> 1299

<211> 948

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (75)...(666)

<223> similar to gi5823554 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1299



gcttggcaga	gcccgggtatt	ggatgacaga	tactgcctg	cctgggtacaa	atctgcgctg	1020
ttcaatgaac	tatacttcct	ggctgatgga	ggcacagtgt	ggctggaagt	tcttgaggac	1080
tcctaccag	aggagctggg	cagaaacatg	tgacacctcc	gccccaccct	acgggactac	1140
ggtcgatttg	gctaccttga	gggccaggag	taccgcatgt	acaacacata	tgatgtccac	1200
ttttatgctt	cctttgccct	catcatgctc	tggcccaaac	ttgagctcag	cctacagtat	1260
gacatggctc	tggccactct	cagggaggac	ctgacacggc	gacggtacct	gatgagtggg	1320
gtgatggcac	ctgtgaaaag	gaggaacgtc	atcccccatg	atattgggga	cccagatgat	1380
gaacatggc	tccgctcaa	tgcataattta	atccatgata	ctgctgattg	gaaggacctg	1440
aacctgaagt	ttgtgctgca	ggtttatcgg	gactattacc	tcacgggtga	tcaaaaacttc	1500
ctgaaggaca	tgtggcctgt	gtgtctagct	gtgatggaat	ctgaaatgaa	gtttgacaag	1560
gacatgatg	gactcattga	aaatggaggc	tatgcagacc	agacctatga	tggatgggtg	1620
accacaggcc	ccaggttagc	gggtaggggt	ttccaggagg	cctgaggtga	gaaactgggc	1680
aacaagggat	tgtagggtc	aagaaagaat	gactcattgt	ctattacacg	gcatgggagc	1740
agctggagct	ccagtctgac	cccaaacc	atgtccctga	tcagtgtctt	actgtgggtg	1800
ggctgtggct	nggcagctgt	ggctttgat				1829

<210> 1301  
 <211> 743  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (34)...(693)  
 <223> similar to gi4375869 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1301	
atagaatctt	tgaaccgccc
ctgaaattct	tgactggact
actgcaaattg	ggagtttcga
tctttgcatt	actgggaagt
gttctaaaga	tgtttactat
tggtgttttg	accaagtcca
gtctatgtgg	tttgcccca
atgaccttga	atgttgagg
cctgattctt	ttcttaagag
gagactatgt	ctgaaaacat
ctgaataatt	taagggtattg
ctttccagaa	ataattggct
tggtttgggc	agaggactcc
gtt	

<210> 1302  
 <211> 1857  
 <212> DNA  
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(1858)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1133)...(1643)
<223> similar to gil61436 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1302
tttttttttt gactgttaaa aactgtatatt gacttttaat tttgaaagca aattaaatac      60
agttaaatta aaacagacca gatgcagctg cctgggtgcc accctcacc cagcctctgt      120
tcttagaact cctagcccct ggccctactc ctgtgtgtgt gggcttgcca gcgagggagc      180
agggaacaga ctgggttttg aaaacagtgg tcatcatgga cccatttctg atttataaca      240
aactcattcc caataaagat gaaggctgca gtccccagg gttataatta taaataaata      300
tacatgcagc taaaagagga tattaggtga aaacaactga cctagcatct gcccaaagaa      360
gtccccattt tgttggtcat tatcaaagtc ctgaaaatga accctagggt tttggctaag      420
aaggtggcct cagaccagcc aagctgacct tggcacttgg ctggcttctg tgaggcagta      480
gagtgcccac acataagctc accacctgtg cccacctcct cccttctctc ccatgccacc      540
ccacttgctt ccaagggtt ggtttccaaa gtgacatcca ggggtgtaaga ggttggggaa      600
aacgtcctgc aaggtggctc agggatctga ttccatcaga tgggtctcat aatactgtgg      660
gagattaaat ccatctcaaa ataggcaacc aatgctatat tctgaatgtt aggtctctgg      720
actgagtcct acccaccac cactcagga gtgggttctg aatggccctc agacctctcc      780
tggtgagtct taatggggtg ggaggctgtt agttaaaaa taaacacctc ttcagtaggc      840
tggggccctt tccttttctt ccacttgggg ggaaaattgt gcttccaact tgcaggagaa      900
tgagccggat caccactaga gagcccggcc gggccagggg gtcagagccc tttccagcgg      960
gccccagagg cctggggagg gcaggagttt gaggcacact gttctttctc caggatggaa     1020
agtggacagc tggacatgag gtgggctagc tctgcatgct cctgacttag ggagaaataa     1080
cattttcttt cccttttttg tgtttagaat aatttccaaa gcagtgtgct caggcctccc     1140
tcctgctcag tgtcccagca gccctgccc cctctttccc agcccctctg ctactccaga     1200
gtccctcctc ctcagaccag gggcaggagg gagttaggga atggccttgg cctccctcct     1260
ctttccaggc tgcaggaggt cccaccttgc ccaccacca ccgccttgcc caccaccac     1320
cgccttgccc actgccacc atgggctcac tccaccctga ggtctgtggc tctgaagagc     1380
tgcaggaaaa ggcgctttcc ctcccagtc cagtccaggc gaggggccta gcagccgagg     1440
tgggcggttg ggaggcagtg tgtggacagt ggggccgttg ggtttttagt ccaggtcagg     1500
cagtgcctg tgtggtctt agagcctacc cctttgcccc tgctggagga gaaggggtaa     1560
aggaagaggg gccggagggg gggactctgc tcccgcaca gcctgaggta cagggggtgc     1620
ctattaggcc caggctcccc ccatgcaggg ctgggtgccc tgttgggatc caagacagcc     1680
ttatgcctct gtaaactga accagaggag agccacaga ggtatgtctg aatttggggg     1740
cagcctctcg ggaagaagca ggggccccag gcagaggaag cagaagcgnc tcgtgaatgc     1800
ccgtgggtct gctctctggc ttcagaattc ccctggctgg gtgtcctgtg tggtcgt      1857

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```

<210> 1303
<211> 516
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (202)...(511)  
 <223> similar to gi2197085 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1303  
 aaaagaaaag aaagtaatat tgaaaaatac agtaatacag ctaagacgat cctgtcacag 60  
 atgagacatt gagat\_ttttg ttttttcaaa cagggttatg ttaccttagt agtagcaatg 120  
 taaagactca acctgaacat taaacttttc atggaagtac aaaagaaatg agtatcctag 180  
 aaattgatta taatattgat gtctcaaatt ttatgtaagt tacacataaa tataaaatcc 240  
 caaaaacatg cacctacca aacagggtgga gaaaagagtg ttttcaacaa atgatgctgg 300  
 aacaactgca catccatatg caataaaagg aagctggaca cagactttac cctcttttaa 360  
 aaaaaactga cccaaaaatg gaacacagac ctaaatgtaa aatgcaaaac tatgaaactc 420  
 ctagaagata acacaggaga gaatctaagg gaccttgagt ttggcaatga ctttttagat 480  
 acaacaccaa agacacaatc catgaaagat ataaga 516

<210> 1304  
 <211> 498  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(499)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (418)...(279)  
 <223> similar to gi510717 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1304  
 ctgcattata agaggaaaagt gtatttcgac ttactgctgt taatgccagt gaaaaaacag 60  
 ttgtggaagc gttattttcaa agggattcac ttgttcgaca aagtcagctg gtggttagatt 120  
 ggttagagag tattgccaaa gatgaaattg gagaattttc tgataatatt gagttttatg 180  
 caaaatcagt atattgggaa aatactctgc ataccttaaa acaacggcag ctgacttctt 240  
 acgttggaag tgttcgtccg cttgtcactg aattgggtaa tgttctttga aatgaaagtt 300  
 gccttcaaag ttaactgatt ttttttttca ggctgaggaa ttttttctcg tgggatcttt 360  
 gttttgctct tctaaagggt tgcacacact aacattttac tctaaaacaa ctaagttgcc 420  
 ttgggatcng gtgggatata ttggaaacat ntccgtgacc nttgaattgt aggaataggt 480  
 gtggaagtta cttactgt 498



<210> 1305  
 <211> 429  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (9)...(393)  
 <223> similar to gi2317963 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1305  
 agcatggccc aggaggaggg tgggagcctg cccgaggtgc gggcgcggggt cagggccgcg 60  
 catggcatcc ccgacctggc ccaaaagctc catttctatg accgctgggc tccggactac 120  
 gaccaggatg tggccaccct gctgtaccgt gcgccccgcc tcgcagtgga ctgcctcaca 180  
 caagcccttc cagggccgcc ccacagtgcc ctgatacctgg acgtggcctg tggcacaggc 240  
 ctagtggctg ccgagctgcg ggctccaggc ttctccagc tgcattgggt ggatgggagc 300  
 ccaggggatgc tggaacaggc ccagggcccc ggctctatc agcgctcag cctctgcacc 360  
 ctggggccagg agcctctgcc cagcccggaa gggaccttcg acgcggtgct gatagtcgga 420  
 gccctcagg 429

<210> 1306  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (13)...(361)  
 <223> similar to gi28435 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1306  
 ggcacgagga ataacttttg cggaactta cctcgccctac ctcgtagga cagggcacct 60  
 gctaataatt tggggaggct gcaaaaccaa caaggaggcc gaatcttcct tccggatatt 120  
 ttgaaacccg actgcgaaaa ctgggacagc gggctgaatg cggtaggagt tgcattacat 180  
 ttggaaaaaa atgggaatta ggcactactg gaactgcaca aactggccac tgccaaaaat 240  
 gacccccatt tgtgtgactt cattgttaca cattacctgc atgaacaagt gaaagccatc 300  
 aaagatttgg gtgaccacgt gaccaacttg cgcaagatgg gagcgcccca atctggcttg 360  
 ggg 363

<210> 1307

<211> 741  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (91)...(430)  
 <223> similar to gi506338 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1307  
 agattttttac taagggttggt tagtgtagat tagctgtgaa tatcttgact cctttaaggt 60  
 aataaggctt ttgtttgttt ttatctttca cagctagaaa attatggcat gccgttttagc 120  
 agaactgaag atgggaagat ttatcagcgt gcatttggtg gacagagcct caagtttgga 180  
 aagggcaggc aggccatcg gtgctgctgt gtggctgac ggaccggcca ctcaatattg 240  
 cacacctcat atgggaggtc tctgagatat gataccagct attttgtgga gtattttgcc 300  
 ttggatctcc tgatggagaa cagggagtgc cgtggtgtca tcgcacagt caatgaggac 360  
 ggggtccatcc atcacataag agcaaagaac actgttggtg ccacagggtta ggaatctaata 420  
 ttctacttta tttcctttgt aaaaatgaat aaatttcttt tagagtgtct ttattttaag 480  
 gaaaatagag gcattgtaga atagcagttc agacacaggc cttgatataa ccatgtgagg 540  
 gtgatggcct tccccagccg tgggttcctca cctgtaaaga gtgaggacag cagcacctgc 600  
 ctcggggtga gaaagcatgg ccctcagtag tcggtagtggt ctgccgtcag cttcacagct 660  
 tacctctccc gatttttagat gaggcacctg cggcccaaag agtcacatgg ggttttctgg 720  
 caaaatctct ctttgtttatg t 741

<210> 1308  
 <211> 832  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(833)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (270)...(26)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1308  
 ggcacgagag actgcatagg gctcggcgtg gtgactcaca cctgtaatcc cagcactttg 60  
 ggaggccaag gcgggcagat cacaaactca ggagatcgag accatcctgt ctaacatggt 120  
 gaaaccccg ctctactaaa aatacaaaaa attagctgag catggtggca ggtgcctgta 180  
 gtcccagcca ctcaggaggc tgagacaaca gatgcacgcc accacaccg gctaattttt 240  
 acagggtcct gctacgcacc attttatgtc cctacctaca gtgcacaagg gttaaaatgg 300

```
ctccccaaaa aggatactgc ctttgaccat ccctgggtca cactcataat ccactcaat 360
tttactaact tgggtggtaaa gttgagccac gtacacggcc gaggggattg tgactgtcgt 420
gtcctcgtcg acctccttct cctgtcgctc cagatccgcc tcaatctcct tgagctcttc 480
cagctctctg gtgagctgaa ggaggctggc cttcagacgg gtgtcctcct cccagcctc 540
ctgaagccca gcttccagct gctgcagctc cagcctccc tgggtgcacct gctccttcgc 600
attgagaagg ctctgggcca cttccttctc catggtgagg atctctcgca gctgcttctc 660
ggcaccgtct tgcgtttcca gcagccgctc caccacctgc tcgtggcgcc ccagcagccg 720
tcgctgctgc gcctccgcgc ggttggcgcc cagcaggctg agcagcccct ggctcacctc 780
ctctatgtcg cggaaggcga attccncggc ntgtcctagg nanccagtcc ag 832
```

<210> 1309

<211> 372

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (7)...(373)

<223> similar to gi455994 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1309

```
ggcacgaggg ctaatatcac acgcctgtgg ggcaccgtga atgtgaaaaa tgctggcagg 60
gaaaccctgg gaaggctcct tgcttactac ccatggtccc aaaggttctt tgacagcttt 120
ggcaatctgt cctttggctt tgtcattttg ggcaaccctt aagtcaaagc ccatggcccg 180
aagggtgctga cttccttggg agatgcctta aatctcctgg atgatttcac gggcaccttt 240
gccccactga ttttaactgga ctgagaccag ctgtatgtct atcctgagaa cttcaagctt 300
ctgggaaacg tgctgacgac cgttgtggca atccatttag gcaaagaact caccctgat 360
gtgccagcgt ca 372
```

<210> 1310

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (129)...(260)

<223> similar to gill136408 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1310

```
actctgaaaa aaatcattta agtgctctga acctttttt ccctcaatat tccgtgtaaa 60
```

```

atgagaggag ctaacttcgc atagtcagggt gaggattagg ctggttggtgta tacatgcatc 120
ttagccctgg gtcttttttaa ttacagtttaa tgcacaagct gagtgtggaa gccccaccca 180
aaatcctggg ggagagatac ctgattggaa ttgcaaagaa ttgcaacgta ccctatgacc 240
ctgactctgt ggtcatggta agtttatccc agaatccaaa gaaaaatgag tttgtaggta 300
ggacattctt tggaaaacaa aaaaaacata ttctttgcac taacttaaat ctgtgtgagt 360
ttaagccttt gaccagttct cgtgcc 386

```

```

<210> 1311
<211> 363
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(279)
<223> similar to gi3319990 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1311
gtgagcttca ttttctccaa attggaggaa cctgtgatga tattgatgaa gctgatatac 60
tagtggatgg atctctttct aaaggaatag aaccatcttc agaaggttcc aaacctttat 120
caaatccttc aagtcctggc atttcaggta tgatattaaa tttttaaatg attttaaaaa 180
aagaataggt agtatttatc atttttctag ttgttggaag atgtaaacat attaaagtaa 240
gaagtgattc tcaacctgta tggtagtcta ctcaatattt gtgaagtcac ctaagagggt 300
aaaacaaaca tttcagccat taatgagctt ttagtctaata tagaggaggg aaaaatcata 360
taa 386

```

```

<210> 1312
<211> 1435
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(1438)
<223> similar to gil813429 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1312
ctctgaggag acactttttt tttctctcct ccttccctcc tctctctctc ccttcccttc 60
ccctctctct ccctctctcc tcttcccccc ctcggtccgc cggagcctgc tggggcgagc 120
ggttggtatt gcaggcgctt gctctccggg gccgcccggc gggtagctgg cggggggagg 180
aggcaggaac cgcatggcg cctcagaagc acggcggtgg gggagggggc ggctcggggc 240

```

```

ccagcgcggg gtccggggga ggcggcttcg ggggttcggc ggcgggtggcg gcggcgacgg 300
cttcggggcgg caaatccggc ggcgggagct gtggaggggg tggcagttac tcggcctcct 360
cctcctcctc cgcggcggca gcggcggggg ctgcggtgtt accggtgaag aagccgaaaa 420
tggagcacgt ccaggctgac cacgagcttt tcctccaggc ctttgagaag ccaacacaga 480
tctatagatt tctttgaact cggaatctca tagcaccaat atttttgac agaaactctta 540
cttacatgtc tcatcgaaac tccagaacaa acatcaaaag gaaaacattt aaagttgatg 600
atatgttatc aaaagtagag aaaatgaaag gagagcaaga atctcatagc ttgtcagctc 660
atgtgcagct tacgtttact ggtttcttcc acaaaaatga taagccatca ccaaactcag 720
aaaatgaaca aaattctgtt accctggaag tcctgcttgt gaaagtttg cacaacaaaaa 780
gaaaggatgt aagttgtcca ataaggcaag ttcccacagg taaaagcag gtgcctttga 840
atcctgacct caatcaaaac aaaccggaa atttcccgtc ccttgagtt tccagtaatg 900
aatttgaacc tagtaacagc catatggtga agtcttactc gttgctatgt agagtgactc 960
gtccaggaag aagagagttt aatggaatga ttaatggaga aaccaatgaa aatattgatg 1020
tcaatgaaga gcttccagcc agaagaaaac gaaatcgtga ggatggggaa aagacatttg 1080
ttgcacaaat gacagtatgt gataaaaaa ggcgcttaca gcttttagat ggggaatatg 1140
aagtagccat gcaggaaatg gaagaatgtc caataagcaa gaaaagagca acatgggaga 1200
ctattcttga tgggaagagg ctgcctccat tcgaaacatt ttctcaggga cctacgttgc 1260
agttcactct tcgttggaca ggagagacca atgataaatc tacggctcct attgccaaac 1320
ctcttgccac tagaaattca gagagtctcc atcaggaaaa caagcctggg tcagttaaac 1380
ctactcaaac tattgctgtt aaagaatcat tgactacaga tctacaaaaa aaaaa 1435

```

<210> 1313

<211> 549

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(550)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2)...(497)

<223> similar to gi868001 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1313

```

ggagataatt gtggaagacg tagattatcc ccctgtgttc ttttcaccct tgtaccctat 60
ggagggtgtcg gaagctaccc aggttgggaa tatcattggc actgtagcag ctcatgaccc 120
agattcttcc aatagccctg tgaggctactc aattgacaga aacacagact tggagagata 180
cttcaatatt gatgccaaac gtgggggtcat cacaactgcc aagtctttgg atcgagagac 240
aaatgctatt cacaatatca cagtcccttg aatggagagc cagaatccat ctcaagtagg 300
aagaggctat gtggccatca ctatacttga catcaatgat aacgcccctg aatttgccat 360
ggactatgag accaccgtct gtgaaaatgc ccagccgggg caggttatcc agaaaatcag 420
tgctgtggat aaagatgagc catccaatgg actccagtta aacttcagct aaacaacgga 480
tgcaactaat agcccctgta ttgcggccgc tgtataggat ccgnggggtnc gtcgactagc 540
cttcaatag

```

<210> 1314  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (104)...(395)  
 <223> similar to gil196425 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1314  
 ggcacatatc cagtataacc tgctgggggc aatccagtcc tgggtggaatt ctgggtgggc 60  
 tcaaacagtc tgcaattttg gaaatttact gaatggattt ctttctgtgt aattggaact 120  
 ccaccatgta actgtttttg tggtagcatt atacagtttt tgtccaagac acctaagcct 180  
 tactacagga tgagtgaatt cttttccttc tctagctatg caatattgtc caataattga 240  
 ggctttttaga acccagaaat tgtcaggggtg gttcttttgg gctgggaatt catcaggaac 300  
 tgggtctgca ggaactaatt cttgggcttc ccatggccat tgatctcctg ttacagttcc 360  
 tccacaaaca taccattaag tgacttagac actgagctt 399

<210> 1315  
 <211> 1057  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (63)...(331)  
 <223> similar to gi2191168 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1315  
 gagaagaaga acaggaatgc agaccagcca ttaaaacatc agatatcgac aatcctagcc 60  
 actttgaaaa gcaatatgaa tctagttctt ctagcactca cagtgatagg agcagtgacg 120  
 gtgagcaaga ctttgtttcc tccattctac caggaaacag accaaattca acaaatatta 180  
 aaccacagct gcacaaaaaa agcataatga aaaagaaagc tggtcacaaa gctaactcca 240  
 aacactaaga ctaagaacag acagtagtag atgtcactga gcagttaggc gattgcaaatt 300  
 tagatagtca ggagaaagat gctacatgtg aacttccttt acagaaagta aatactcaga 360  
 gttcttcaaa tagcactttg cctggaagat taaaagcgtc agaaaattct gaaagtgaat 420  
 acagtaggtc agaaataact ctagtaggca taagtaagaa aagtgcagag cattttaaga 480  
 gaaaatttgc caaatcaaac caagtgtcta ggtcagtgct tagttcagtg caggtgtgtc 540  
 ctgaagttgg aaagagaaac ttacttaag ttttgaagga gactttgatt gagtggaaga 600  
 cagaagaaac attgaggttt ttgtatggcc agaattatgc ttctgtgtgt ctgaaacccg 660  
 aagcctctct ggttaaagaa gaacttgatg aagatgacat aatctcagat ccagatagtc 720

atttccctgc	ctggagggaa	tctcagaaca	gcttggatga	gtctttacct	tttaggggct	780
caggtacagc	cattaaacca	ctgccaagtt	acgagaatth	gaaaaaagaa	actgaaaagt	840
taaatctgag	gatcagggag	ttttacagag	gacggtatgt	tttgggtgaa	gaaaccacca	900
aatcacaaga	ctcagaagag	catgattcca	cctttccact	gatagactca	agttcccaga	960
accagattag	aaaacgcatc	gtacttgaaa	agttgagtaa	agtgttgcct	gggcttctgg	1020
ttcctcttca	gattacattg	ggagatatth	acacaca			1057

<210> 1316  
 <211> 1127  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1128)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (171)...(1127)  
 <223> similar to gil769491 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1316	
agagaatcca	cactggagag aaaccttaca aatgtaatga gtgtggcaag gtcttcagtc 60
acaagtcac	cctagtaaat cactggagaa ttcatactgg agagaaacct tacaatgta 120
atgagtgtgg	caaggtcttc agtcacaagt catccctagt aaatcactgg agaatccaca 180
ctggagagaa	accttacaaa tgtaatgaat gtggcaaggt cttcagtcgc aattcatacc 240
ttgccaaca	tctgataatt catgccggtg agaaacctta taagtgtgat gaatgtgaca 300
aagcattcag	tcaaaattca catcttgtac aacatcacag aatccatact ggagagaaac 360
cttacaaatg	tgatgaatgt ggcaaagtct tcagtcaaaa ttcatacctt gcatatcatt 420
ggagaattca	tactggagaa aaagcttata aatgtaatga atgtgggaag gtcttcggtc 480
taaactcatc	cctagcacat catcggaata ttcacactgg agagaaacct ttcaaatgta 540
atgaatgtgg	caaagcttht agtatgcgtt caagcctcac taatcatcat gcgatccaca 600
ctggagagaa	acatttcaaa tgtaatgaat gtggcaaact cttccgcgac aattcatatc 660
ttgtacgtca	tcagagattt catgccggaa agaaatctaa cacatgtaat taatgtggca 720
gagtgttcag	ttagcattaa agccttgtaa gacatacaat aatttatact ggagaaaaac 780
tttgcaagta	taatgaatgt agcagagcct ttagtttttg ttcaaggctt aataaccgtt 840
agctagacca	tagaggacag aaactttact aatgtactga atgtggcaag gtcttaaggt 900
aaaatctgag	accaggattt ttcaaagaat tccttgctgg tgagaaacct aacaaatgta 960
atgaatgtgg	caaggtcttc agtcgcaatt cataccttgc ccaacatctg ataattcatg 1020
ccggtgagaa	accttataag tgtgatgaat gtgacaaagc attcagtaaa aattcacatc 1080
ttgtacaaca	tcacagaatc catactggng agaaacctta caaatgt 1127

<210> 1317  
 <211> 541

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (145)...(392)  
<223> similar to gi3695115 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1317  
ttagttttata aagaaaagac atttaattgg ctcatagttc tgcaggctgt acaggaagca 60  
tagtagcttc tgcttctggg gaggcctcag gaaacttaca atcacagcag aaggtgaagg 120  
ggaagcaggc acgccgtaca tggctgggct ttcggcctcc tcttcatcaa caaggagtcg 180  
gtggtcatgg cctatctctt caccaccttc aacgccttcc aggggggtctt catcttcgtc 240  
tttactgctg ccttacagaa gaaggtgagg tcgaggcgagg gtctctgggtc acagcctccc 300  
ttggagacgt ttcctgggta cccaggagaa ggcggcgagg gtggaggggga ctcaggggct 360  
ccctcaagcc cccagtgaat gctgcagggc ttctgtgggtc aggtctgcgt cccccgggag 420  
gggagcacga gctcagggtt agggaggggt taaccacggg tgaagagggt tctgttgaca 480  
gacgctgagg ccgcaaacgc tctcctctc tcttcacact cgccaacacc gcggtggcgc 540  
t 541

<210> 1318  
<211> 1073  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (527)...(964)  
<223> similar to gi211607 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1318  
actcgtacag agtcggcgaa ttctctctga agatcttcct atccttttct gggggaatgg 60  
ggtcgatgag agcaacctcc tatggttgtt gtgagaatta aatgagataa aagaggcctc 120  
aggcaggatc tggcatagag gaggtgatca gcaaagtgtt gttgaaaagg tttgacaggt 180  
cagtcccttc ccacctctct tgcttctctt acttgtctta tttattctcc aacagcactc 240  
caggcagccc ttgtccacgg gctctccttg catcagccaa gcttcttgaa aggcctgtct 300  
acacttgctg tcttccttcc tcacctccaa ttctctcttc aacctactgc ttctgactc 360  
gctctactcc gtggaagcac gctcacaag ggctaactc gggccttgtc gaaggaagag 420  
gctgcagacg ttaatgaggt tagctgctgg attccagtat tcgtcgcata aggatccttc 480  
tttgtctgag aaggaaaaac acactgatta tcataatgag gcacgtgggc cgtggcccgg 540  
ctgggtcggc tgaagaactg cggatggaag ctgcggaaga ggccctgatg gggcccacca 600  
tcccggaccc aagtcttctt cctggcgggc ctctcgtctc ctctctgggt tgggcggaag 660  
ccatcacctg gatgcctacg tgggaaggga cctcgaatgt gggaccccag cccctctcca 720  
gctcgaaatc cctccacagc cacggggaca cctgcacct attcccacgg gacaggctgg 780  
accagagac tctggaccgg gggcctcccc ttgagtagag accgcctc tgactgatgg 840



```

acgccgctga cctgggggtca gacccgtggg ctggaccctt gccaccccg caggaaccct 900
gaggcctagg ggagctgttg agccttcagt gtctgcatgt gggaagtggg ctctttcacc 960
tacctcacag ggctgttttg aggggcgctg tgatgcggtt ccaaagcaca gggcttggcg 1020
cacccactg tgctctcaat aaatgtgttt cctgtcttaa caaaaaaaaa aaa 1073

```

<210> 1319

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (35)...(434)

<223> similar to gi36619 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1319

```

tgcctaggac accctcagtc tcaactgcac tctccccgag actttgcca tgactccctc 60
attctagctg tcctttctct gatttccagg cctggcccgga gccaaagtcaa tccaacaaa 120
gacatactcc aatgaggtgg tgacactgtg gtaccggccc cctgacatcc tgcttgggtc 180
cacggactac tccactcaga ttgacatgtg gtaaggacag gtggaagtgt ggcagggggc 240
atgtggtaaa ggggggtggc ttgtcacaac agccacccag ccagctgcct ttctattcac 300
tgtgccctcc ctgcccaggg gtgtgggctg catcttctat gagatggcca caggccgtcc 360
cctctttccg ggctccacgg tggaagaaca gctacacttc atcttccgta tcttaagtga 420
ggaggcatgg gccctatgcg ctgtggagac acacagggt 459

```

<210> 1320

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (432)...(35)

<223> similar to gi3080398 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1320

```

tttcgtgggc cactgcaggg gccgctaacg gtccggcgcc cctcggcgtc cgcgcgcccc 60
cagcctggcg gacgagcccg gcggcgga tgggggcgac gggggcgcg gagccgtgc 120
aatccgtgct gtgggtgaag cagcagcgct gcgccgtgag cctggagccc gcgcgggctc 180
tgctgcgctg gtggcgagc ccggggcccg gagccggcg ccccgcgcg gatgcctgct 240
ctgtgcctgt atctgagatc atcgccgttg aggaacaga cgttcacggg aaacatcaag 300

```

gcagtggaaa	atggcagaaa	atggaaaagc	cttacgcttt	tacagttcac	tgtgtaaaga	360
gagcacgacg	gcaccgctgg	aagtggggcg	aggtgacttt	ctggtgtcca	gaggagcagc	420
tgtgtcactt	gtggctgcag	accctgcggg	agatgctgga	gaagctgacg	tccagaccaa	480
agcattttact	ggtattttatc	aacccgtttg	gaggaaaagg	acaaggcaag	cggatatatg	540
aaagaaaagt	ggcaccactg	ttcaccttag	cctccatcac	caactgacatc	atcgttactg	600
aacatgctaa	tcaggccaag	gagactctgt	atgagattaa	catagacaaa	tacgacgggt	660
gagtaagccg	tctttcatcg	ccatcaagtc	cattgttaat	gaaaaagttc	taccacacctc	720
tcagttttga	gagctccttt	tcctaaatcc	gcccccgcc	tccacccacg	accaattgta	780
aaagtaaaca	tgcttcttac	aggaaggcaa	gaaagaa			817

<210> 1321  
 <211> 729  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (121)...(688)  
 <223> similar to gil841471 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1321	
aaattcctgc	gatgaagagg
agggacgaca	gcatccatag
atgggcccgg	gggcctgcac
cctttctcatt	gctttgtgct
catggccctg	cagcccctgt
tgccccccca	tgcaactgcc
ctggctcgcc	tggtggccac
actcaccta	cctgcaccct
tcagtcccg	gctgggcccc
ccaggaccat	catggcatcc
tgcgctccca	ggccgactca
acagcctgca	gcaggccagt
gctctacaa	
gcgtctgctg	gaggttccag
gtgtcgagcc	gagcctggac
tgccatcccc	accgctcagc
caaggcctca	agccggcagg
atgccccacc	gtagcatctt
ctacaataat	gtgctcaacc
agttggcggtg	gcccggatacc
atggccccctg	ccccacagct
tggtgctctac	gacatcctgt
ggaggagcgt	gagtgccctgc
ctatgatgct	cccagctcct
aggtcctacg	ctgtgctaca

<210> 1322  
 <211> 469  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(470)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (469)...()  
 <223> similar to gi4185943 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1322  
 taatgacaca nattgagngc atggaanacg cagacaggag aaagtacttc ccatgttaaa 60  
 agacatttat tatcttgttt tgcagttatg ggagttttta aaaaaattaa aacagataat 120  
 gggccaggat attgtagtaa agcatttcaa aaatttttaa atccatggaa aattgcacat 180  
 acaacaggaa tcccttataa ttcccaagga caggccatag ttgaaagaac taatagaaca 240  
 ctcaaagctc aattggttaa acaaaaaaag gaaaaagaca gttaaagta taacactcct 300  
 cagatgcaac ttaatatagc actctgtact ttaaattttt taaatatata tagaaatcaa 360  
 accactactc ctgcagaata acattttacc ggtaaaaaga acagcccaca tgaggaaaaa 420  
 ctgatttggt gggaaaataa caaaaataaa acatgggaaa taggtagag 469

<210> 1323  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(396)  
 <223> similar to gi4185940 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1323  
 ggccaattat attatgactg tatgggccag acccactcat gttcacaggc tccatctgtc 60  
 tggccacta atctggccta cgatggtgac ttaactaaaa ggctagacca ggtttataga 120  
 aggctagaat caccctattc atggaaatgg ggtgaaaagg ggattccatc accccgacca 180  
 aagttagtta gtcctgttgt tggtcctgaa caccagaat tatgaaagct cactgtggcc 240  
 tcgtaccaca ttagaatttg gtctggaaat caagttatgg gaacaagaaa tcataagcca 300  
 tattatacta ttaacctaaa ttccaatctg acaattcctt tgcaaagttg tgtaaaaccc 360  
 ccttatatgc tagttgtagg aaacatagct attaa 395

<210> 1324  
 <211> 684  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (14)...(659)

<223> similar to gi2065210 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1324

acggtaatag	tccatttttac	aaaaggctaa	ggctaaaata	ctagaatttg	caacccttac	60
cactaaaaag	gaggccaga	aattttattg	cttgtttgga	ttgtggagac	atcatatgcc	120
ccacatgggt	aacatttttac	aacctctg	gcagtcact	agaaaacgct	atgactttca	180
ctggggacag	aaagagagcg	tggcttttca	acaagctgaa	caagcgggtg	aactgacccc	240
agatctatgg	cccatacgaa	acaggccagt	agaactgcaa	gtagctgtcc	tagatcaaca	300
tgctaattgg	agtcttaggc	agaaacaagg	tgggaagagg	gtacctttgg	ggttttggac	360
ccagaaactg	ccataggctg	gcaaagctta	tacctcttcc	aagaagcaat	tgtagctttt	420
ttattgggtt	ttgctgga	cagaggacct	ctgcttcaac	catgaggtct	ttatgaggcc	480
tgaaattcct	attatgacgt	gggtcatgag	tttccccaat	actcaccaga	tagggcacac	540
tcaagaaagc	agcattataa	aatggaaatg	gtatacacia	gatagggtta	agccaggacc	600
aaaggggcta	ctgcttttgc	ataaggatgt	acaaaacttg	acagtacaga	gaaccactga	660
gctagccctt	cagttaggca	aggg				684

<210> 1325

<211> 1683

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1684)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (499)...(70)

<223> similar to gi2653352 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1325

acagcatccc	gcaggagctc	ttccgcaaga	tcaaggctgc	cgagtatttc	attcctgttg	60
atggacgggt	ttctgagaac	accgtgtgtc	tcatccggaa	gctgctgggt	cttgaccccc	120
agcagcgctt	ggcgcgcgc	gacgtcctgg	agggccctcag	tgccatcatt	gcacatggc	180
agtccctgtc	atctctgagt	gggcctttgc	aagtgggtcc	tgacattgat	gaccaaata	240
gcaatgcgga	tagctcccag	gaggcgaagg	tgacggagga	gtgctcccag	tacgagtttg	300
agaactacat	gcgtcagcag	ctgctgctgg	ccgaggagaa	gagctccatc	catgacgccc	360
ggagctgggt	acccaagcgg	cagttcggca	gcgcaccacc	ggtgcgacgg	ctgggccacg	420
acgcacagcc	catgacctcc	ttggacacgg	ccatcctggc	gcagcgctac	ctgcggaaat	480
aacagcctca	gccggggcca	ccagcactgc	tgcccacttc	ttccagcccc	agccaaaggc	540
gtggctgtca	gggctggggc	ctgtagtgct	ggactctccc	gggccacaat	agggacaggg	600
cagggacagg	gacagcccag	gtcacacgtg	gggtcagcag	aggtaccacg	aagctacctt	660
ttggggatga	ttgctcgatt	gtttggtttt	taaatctgag	agccctagat	aactaattct	720

gcttttaatc	acgatgtttt	aatctacctc	tgtctcttta	accatgctgt	ctctggactg	780
agcaagaggg	aggagggagc	ctgctcaccc	cactccaggg	ccttccccag	cggccacca	840
ctgacctggg	gcgctgctcc	ccacagtcca	aataagctga	aagtgcagct	cgctgcaggc	900
cccagagcga	gcttcccctc	ctccctgctc	tcccaggccc	ctgccacagc	ctctttccgt	960
ccctctcttt	ctgatccagg	cccctcagtc	caagctttgg	aaaaccttca	cctcatctta	1020
aaccgaactc	aaatatattt	atttttttac	cataccaact	tctctcccat	ctctagggtg	1080
ctcagtccat	ggccactccc	tgcccccagc	ctggctggac	agcaaggaat	ccacagccca	1140
cacgtgagct	ccctcctcac	ccccaggcag	ggaagcccct	cctgccagtc	cctgtcccct	1200
ttcagcccac	cagtccctct	ctgctgccgg	tgatgggagg	cctttctaga	cctggctctt	1260
tctctcccg	ctcagtggct	tctctgaggt	gctgtacacg	cgcgtaaac	tgttcccttc	1320
tctatccttc	cccgtggtac	tgagctcacg	tggactccca	gtgcgaagg	gccccatggg	1380
tggtgagcga	gcctggccgt	gagcgggggc	tgccctgcac	ctcccctagc	ctactcttgt	1440
gtttagggga	tggtgggaac	atatcccagt	gcccttgcc	cataatagat	gtggtgactc	1500
tcccggtaga	ccctagcaag	ggctcctcat	ggtggggagg	gactcaggag	aattgtaggg	1560
attgggggac	cctgcctgcc	tggtctgaga	acagccctgc	tgcccttttg	agccgagatt	1620
ttgaagtggg	atgccctntt	tgccagaaat	gnttttttca	ccagantgcc	ccttcccttt	1680
gcc						1683

```

<210> 1326
<211> 610
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (265)...(560)
<223> similar to gil834466 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1326		
gtgggaggac	aatggtgaga agaggggaacc taagaattcc tggactctga ctgggcgtga 60	
gaaatggccg	gaagtagctt cgagtcogtc attcaagcag tagaggctct ggagaaaaac 120	
tgagcgcgat	ctgcttaaag ggccgcccag ggtcaggatg gaggggcaaa gtccgagcag 180	
gggggttctc	cccatatttg atcacgatga aaactgcaca gaaagtccgt gctcagtttc 240	
ttccatgggt	acagaacaca ggccccagac caggaaggca ttctgctaaa gaaggggacc 300	
cgaacactca	gctaccagcg ccgatggttc atcctccgag gaaacctoct cttctaccta 360	
gaacactaga	ccgacctatg acccctgggc ctcatcctgt tagagaactg ccagggtggaa 420	
ccacacctta	aggctgcaga accctatgcc tttaccatcc tgacctctgg ggtggagggc 480	
acagggtggg	gggcctacaa gctggctgca gaaacccagg aagagctgga gacttggtg 540	
tgggcactgg	ctggcgcgag ctggaggcgg ctggctgggc tgctgtcccc cctccccccc 600	
cgttttaaaa		610

```

<210> 1327
<211> 767
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(768)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (235)...(522)
<223> similar to gi555594 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1327
gggccagccc ctgataccct agcttgagag cctatccagg atttgcagta atttgtccat    60
tttccatgaa aattttaaaa ataaaaaggg caaaatgcag caaaacatcc tcgtagctgc    120
ccagactttg ctagacaaag ccagtgaagt gttttggtca gcaggcgggc ccaggccgca    180
gttgagcacc tgtcagccgg tgtcgggcag gtcagggttg gagggaaggc ctgcgcggct    240
gtccacaggt ggtttggtca agggcagcct cagaagggtg cacaggaaag ggtgtgcggg    300
gtgcaggcct gaccagcgat gtttgcagat ggactgcctc tgggggtcaa cttggggaag    360
aacaagacct cagtggacgc cgcggaggac tacgcagaag ggggtgcgcgt actgggcccc    420
ctggccgact acctggtggt gaatgtgtcc agccccaaca ctgccgggct gcggagcctt    480
cagggaaagg ccgagctgcg ccgcctgctg accaagggtg gcagctgcac ccctctccag    540
gccctgtccc accagcctgt cccacctgt ccccttcatt ctccagggcg aaccttcagc    600
atcacctca gaagctgtcc ttagcaccta gaccagtagg acccctggct ataccttccc    660
agagtccct ctgatccct ctcatgacac tgattatatg cgacggtgac aaattatctg    720
tccctgctgc tataaatcac gngtctgtga agagcagaca ccacgtc                767

```

```

<210> 1328
<211> 1222
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (61)...(1223)
<223> similar to gi3335567 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1328
tcatttcagc gacgtggaat tcgatggaat gtccataccc ttcaccctca tccaagagca    60
gtgtgggctg ggatagggag gggacatggg tcataggtc ttctaggtag agccagggcc    120
ccggcgttgt gctttccac ctttctagag tttctggagt ccctggagcc ggacctgcc    180
gccctgagag ccatggggct ccacctgtgg gctgcaggcc caggaacca ccctgctgga    240
attagcgatt tgctggctga agtgtccgct gaagtggatg ggccagtgcc aggatacctc    300
tcttcccccc agagcataac agacacgtgc ctgtacatct tcacctctgg caccacgggc    360
ctccccaagg ctgctcggat cagtcattct aagatcctgc aatgccaggg cttctatcag    420
ctgtgtgggt tccaccagga agatgtgatc tacctcgccc tccactcta ccacatgtcc    480

```



```

<400> 1330
tcttttcagca aggtgggggc aagcagaatg cctcccagga tttcacacct gagccctgcc      60
ccaccctgct gagaaaaacac tccgccacgt gaagagacag aggaggatgg caggagttag      120
ctcgggaaac aaacaggatc ttctctgccc tgctccagtc gagttggcct gacccgcttg      180
gatcagtgac catttgctgg cagacagggg agagcagctt ccagcctggg tcagaagggg      240
tgggcgagcc cctcggcccc tcaccctcca ggctgctgtg agagtgtcaa gtgtgtaagg      300
gccaaaactc aggttcagtg cagaaccagg tcagcaggta tgcccggccc tacgttaagg      360
gggcctcta aacccttgc ctggcctcac ctggccagct caccctttt ggggtgtagg      420
gaaaagaatg cctgaccctg ggaaggctcc ctggtagaat acaccacact tttcaggttg      480
ttgcaacaca ggtcctgagt tgacctctgg ttcagccaag gaccaaagaa ggtgtgtaag      540
tgaagtgggt ctcagtcccc agacatgtgc ccctttgctg ctggctacca ctcttcccca      600
gagcagcagg ccccgagccc cttcaggccc agcactgccc cagactcgct ggactcagt      660
tccctcatct gtaaagggtga aggggtgatgc aggatatgcc tgacaggaac agtctgtgga      720
tgacatgat cagtgtctaa gaaagcagca gagagagacg ctccggcgcc ccagccccac      780
tatcagtgtc cagcgtgctg gttccccaga gcacagctca gcatcacact gacactcacc      840
ctgccctgcc cctggccaga gggtagctgc gacggcactt tgactctga tgacctcaa      900
gcactttcat ggctgccctc tggcagggca gggcagggca gtgacactgt aggagcatag      960
caagccagga gatgggggtga agggacacag tcttgagctg tccacatgca tgtgactcct     1020
caaacctctt ccagatttct ctaagaatag cacccttctc ccattgccc cagcttagcc     1080
tcttctccca ggggagctac tcaggactca cgtagcatta aatcagctgt gaatcgtcag     1140
ggggtgtctg ctagcctcaa cctcctgggg caggggacgc cgagactccg tgggagaagc     1200
tcattcccac atcttgccaa gacagccttt gtccagctgt ccacattgag tcagactgct     1260
cccggggaga gagccccggc cccagcaca taaagaactg cagccttggt actgcagagt     1320
ctgggttgta gagaactctt tgtaagcaat aaagtttggg gtgatgacaa atgttaaaaa     1380
aaaaa

```

```

<210> 1331
<211> 1041
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (195)...(813)
<223> similar to gi2326524 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1331
aaagatctta cttggttttg ctcaccgttt ttttccatca ccaagcatat gtgcctggcg      60
catagcaggg gctgtgaaat atgtgaagaa tgaatgaatg tagcctgtgg cccaagctta     120
aggaggatag aaaccacgcc agggagtggg ttggtccatt ggcgcctgtg ggtctgacct     180
aagtctctca cacaggagaa ggcacaatcc ctgtggaatc cagtgcattt gtgcctacgt     240
gggatggcat tcggctcggg gagagactcc gtacatgtc ctgtagtgc aaaatcctac     300
gctggaacgt gctgggcctg caaggggcac tgttgacca ctttctgcag cccatttatc     360
tcaaatctgt cacattgggt aaggggcctg ccttgggatc tggaactggg ctgtccttct     420
tgtgcccaga tcccaaactg catgctttat tgccaggtgt tttgtctccc ttatcaaagt     480
gagcatgatt cactcctcag taattgattg agtgtccagt ctgctgtggg aggaagatcc     540

```



tggtagcccc	agtcagaagg	tgcttcctaa	caaggcagct	gtttctcttt	cttgacaaact	600
atatcttgta	cctccaaaat	ccccacatgc	ttctgcctct	taacagcatt	tggtgcaaac	660
acaggtatat	atgtttctct	tttttgact	caggttacct	tttcagccaa	gggcatctga	720
cccgtgctat	ttgctgtcgt	gtgacaagag	atgggagtg	atttgaggat	ggactacgac	780
atccctttat	tgtaaccac	ccaagggtgc	tataaccccc	ttctattttc	cctgacattt	840
tcctcctttt	caagcagtca	tgtaaacaga	ggaaaaatgt	acactgtggg	caaggggaac	900
attgcccaca	gtggtagccc	acaagggaac	attgcccaca	gtggcccacc	accaacattg	960
gttggtctcc	caagaactta	aactttcttc	cttttgatg	ccaagggctt	ttcttctctt	1020
agtctggaat	taatctgaat	c				1041

```

<210> 1332
<211> 459
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (39)...(234)
<223> similar to gi4079809 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1332						
atatattgct	ttatgaaaat	tatactggat	ctgttacaga	tgatagtgtt	gaaccaagtg	60
gaacaaagaa	agaagatctg	gatgacagag	agaaaaaaga	tgaaactcct	gcacctgtat	120
atggggccaa	gtcaattctg	gagagctggg	tatggagtaa	gcaaccaggt	aatccttgat	180
cagagataga	aattagtgtg	gacattttgc	ctccagatcc	tcaagtgggt	ttagaaattg	240
gttctcta	tctgtgggag	aagggtgata	ctggtatagt	cttacacgtc	attgaaactg	300
gaaaagatag	ctagatat	tcctactcat	gttttgata	atgagataaa	ttattttatg	360
cttcacacac	ttggagtatg	tcatctactg	taatatagta	tctgaatgaa	tactttaaat	420
aaaatacatt	tctgtaaatt	aattgtatac	tttaaaaat			459

```

<210> 1333
<211> 1104
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (15)...(1095)
<223> similar to gil213541 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```
<400> 1333
```

ttccacgcgt	ccgggacacc	atcaatgagt	tcggtggcat	accataaaaag	aaccgcatca	60
ccattggcaa	cgtggacttg	gtcctgagca	agggcaatgt	ggacgtggcg	cttaacatgc	120
taagggaacat	cttgcccaaa	cagtcctgct	atatggaagc	cagagagaag	atggccaaca	180
tctacctgca	gaccctcaga	gacaggcgcc	tgtacatcac	atgctaccgt	gagctctgtg	240
aacatctgcc	tggccccccac	accagcctgc	tactgggcga	tgccttaatg	agcattctgg	300
agccccgagaa	ggccctggag	gtctatgatg	aggcctatag	acagaaccca	catgacgcct	360
ccctggccag	cagaattggg	cacgcttatg	tgaaggccca	ccagtatact	gaggcaattg	420
agtattatga	ggctgcccag	aagattaatg	gacaggactt	tctgtgctgc	gatctgggca	480
aactgctcct	gaagttaaag	aaggtcaata	aagcagaaaa	agttttgaag	caggcactgg	540
aacatgacat	tgtccaagac	atccccatcca	tgatgaatga	tgtaaagtgc	ctgcttttgc	600
tggcaaagggt	ttacaagagc	cataaaaaaag	aagctgtgat	agaaactttg	aacaaggcct	660
tggacctcca	gtctcggata	ctgaagcgag	ttccactgga	gcaaccagaa	atgattccct	720
cccagaagca	actggcagcc	tctatctgca	tccaatttgc	agagcactac	ctggcagaga	780
aagagtatga	caaggcggta	cagtcctata	aggatgtcct	ctcctacttg	ccaactgaca	840
ataagggtgat	gctggagctg	gcgagctctt	acctgctcca	ggggcacctg	gacctgtgtg	900
agcagcactg	tgccatcctc	ctgcagactg	agcagaacca	tgagaccgct	tctgtgttga	960
tggctgacct	gatgtttaga	aaacagaaac	atgaagcggc	catcaatctt	taccaccaag	1020
tcttgagaaa	agcgccagac	aatttttttg	tattgcataa	attaatcgat	ctgctaagaa	1080
gaagtggaaa	acttgaagac	attc				1104

```

<210> 1334
<211> 403
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (93)...(403)
<223> similar to gi2981631 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1334						
aatcgagatc	actagtccag	tgttgtggaa	ctcctcctaa	aaaaataata	ataatagtat	60
gatggaagac	atttagatca	ctatgaaatt	ctagagtaac	atttattttt	cgtcttactc	120
tttctcagat	actactgcaa	atcacccctt	acccaccttt	gctttctggg	caacaagaaa	180
aaaactgtgg	aggaatatta	ccagattttca	aattatacta	cagggcttta	ataatctaaa	240
cagcataggt	ttaggttact	aaacctaata	cctttatgct	gttttactgt	tataaagaca	300
gacacataaa	ccaatggaac	agaatacaga	gcccataagt	gaatccatag	atatacagcg	360
agctcatttt	caacagatgt	gccaaaaaca	tacattgggg	aaa		403

```

<210> 1335
<211> 492
<212> DNA
<213> Homo sapiens

```

```
<220>
```

**Bayer AG**

```
<210> 1336
<211> 2191
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (66)...(1078)
<223> similar to gi561543 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

819

```

ctgaactgtt acatcagtggt tgggaagctg atgccaagaa acggccatca ttcaagcaaa 900
tcattttcaat cctggagtgcc atgtcaaatg acacgagcct tcctgacaag tgtaactcat 960
tcctacacaa caaggcgagg tggaggtgag aaattgaggg aactcttgag aggtctaaaga 1020
aactagagcg tgatctcagc ttttaaggagc aggagcttaa agaacgagaa agacgtttta 1080
agatgtggga gcaaaaagctg acagagcagt ccaacacccc gcttctcttg cctcttgctg 1140
caagaatgtc tgaggagtct tactttgaat ctaaaaacaga ggagtcaaac agtgcagaga 1200
tgtcatgtca gatcacagca acaagtaacg gggaggggcca tggcatgaac ccaagtctgc 1260
aggccatgat gctgatgggc tttgggggata tcttctcaat gaacaaagca ggagctgtga 1320
tgcattctgg gatgcagata aacatgcaag ccaagcagaa ttcttccaaa accacatcta 1380
agagaagggg gaagaaagtc aacatggctc tgggggttcag tgattttgac ttgtcagaag 1440
gtgacgatga tgatgatgat gacggtgagg aggagtataa tgacatggat aatagtgaat 1500
gaaagcagaa agcaaaagtaa taaaatcaca aatgtttgga aaacacaaaa gtaacttggt 1560
tatctcagtc tgtacaaaaa cagtaaggag gcagaaagcc aagcactgca tttttaggcc 1620
aatcacattt acatgaccgt aatttcttat caattctact tttatttttg cttacagaaa 1680
aacgggggga gaattaagcc aaagaagtat atttatgaat cagcaaatgt ggtgcctgat 1740
tatagaaatt tgtgatccta tatacaatat aggactttta aagttgtgac attctggcct 1800
tttcttttaa tgaatacttt ttagtttgta tttgacttta tttcctttat tcaaatcatt 1860
tttaaaaaact tacattttga acaaacactc ttaactccta attgttcttt gacacgtagt 1920
aattctgtga catacttttt ttttcttata gcaatacact gtaatatcag aaatgggttg 1980
cctgagcaac ctagtgaagac ctcgtctcta ctaataatta aaaaactagc tggcatggta 2040
gcacacacct gtagtcccag atacttggga ggccaaggca ggaggattgc ttgagaccta 2100
gcaatcagtc agggctgcag tgagccatga tggcaccact gcactctagc ctgggcaaga 2160
gaacaagatc ctgtctcaaa aaacagggaa a 2191

```

<210> 1337

<211> 494

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(495)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (65)...(496)

<223> similar to gi2909777 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1337

```

gtgggttaan nagggtttga tncccttttg nannnncacc tgatgocct gcnggaanng 60
cgacgaggag acagccaatt ccaccaactg ccacattctc aacatgtacc ggaggaacac 120
atggctgtac caggcactgt gggaaggcaa gcggtttcag agcatggagc agatctgcga 180
ggtggcctcg ggagtggccc gcattcgtgg gaagacgctg ggcctcatcg gctagggtcg 240
cacgcagcag gcttttgtag ttccagccac agcctttgga ttcagcgtca tgttttatta 300
cccctacttg caggatggga tcgagcagtc cctgggcatg cagagggtct acaccctgca 360
ggattggctg tatcagagcg actgcatctc cttgactgac agtctcaacg aacttaagca 420
ccacctcatc aatgacttta ccataaagca gatgaggcag ggagcattcc ttgtgaacgc 480
agccccgtgt ggcn 494

```

<210> 1338  
 <211> 479  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (136)...(201)  
 <223> similar to gi347906 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1338  
 atttgaaatc gatccgcgct gcaggaattc ggcacgagat tcggccacag cctcagcctc 60  
 cgtcgctctg tgacctgcgg gtattggatg attcgtagct aagactctac gacatccctg 120  
 aagccgggaa atggtgtgtg ttctcatttt acccaagatc tttggccagt gcagggcata 180  
 gaagattcat tccacaaact tatactgaga agatatgaga aatgtggaca gaagaattta 240  
 caattaagga aaggctctaa aagtgtgaat aagtgtgaagg tgcagaaagg aggttataat 300  
 ggactttacc aatgcttata aactacccag agcaaaataa ttcagtgtaa tacatctgtc 360  
 aaagtttttc ataaattttc aaattcaaac aacataagac atactggaga gaaatcattt 420  
 aaatgtaaaa aatgtggcag atcatttcgc aagttcctcc aactaactta acataaggg 479

<210> 1339  
 <211> 945  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(946)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (4)...(892)  
 <223> similar to gi5689365 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1339  
 cgccacgagg ccttgagcca gtcaccaatg ccacaggaaa gaggttttat ggcaggcaca 60  
 caaagaaacc cttagatggc tcagtatgga cctcaacaga caggaccatc catgtcgctt 120  
 catccttctc ctggggggcca gatgcatgct ggaatcagta gctttcagca tagtaactca 180  
 agtgggactt acggtccaca gatgagccag tatggaccac aaggtaacta ctccagaccc 240

```

ccagcgtata gtggggtgcc cagtgcgaagc tacagcggcc cagggcccgg tatgggtatc 300
agtgccaaaca accagatgca tggacaaggg ccaagccagc catgtggtgc tgtgcccctg 360
ggacgaatgc catcagctgg gatgcagaac agaccatttc ctggaaatat gagcagcatg 420
acccccagtt ctctggcat gtctcagcag ggagggccag gaatggggcc gccaatgcc 480
actgtgaacc gtaaggcaca ggaggcagcc gcagcagtga tgcaggctgc tgcgaactca 540
gcacaaagca ggcaaggcag tttccccggc atgaaccaga gtggacttat ggcttccagc 600
tctccctaca gccagcccat gaacaacagc tctagcctga tgaacacgca ggcgccgccc 660
tacagcatgg cccccccat ggtgaacagc tcggcagcat ctgtgggtct tgcagatatg 720
atgtctcctg gtgaatccaa actgcccctg cctctcaaag cagacggcaa agaagaaggc 780
actccacagc ccgagagcaa gtcaaagaag cccagctcct ccgccagtaa aggggagaag 840
atcaaaaagg tgtacgagct ggggaatgag ccagagagaa agctctgggt cgnnccgggn 900
nttcgaacgc tgtgcacntc gaagggtatc aatggttctc accac 945

```

```

<210> 1340
<211> 426
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(427)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (33)...(414)
<223> similar to gill196425 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1340
nttgattagc agaccttagt ccangcgggtg gaattcgagt tctaaaagtc tcaattattg 60
gacagtattg catagcttga gaaggaaaag gattcactca tcctgtaggg cggcttggtt 120
gtcttgggca aaagctgtat aacggtacca caaaaacagt tacatggtgg agttccaatt 180
acacagaaag aaatccattc agtaaatttc caaagttgca gactgtttgg gcctaccag 240
aactccaccg ggactggacg gccccaccg gattatactg gatatgtgga cccagagctt 300
atgctaattc gcctgatcaa tggacaggta gctgtgtaat tggcaccatg aagccatctt 360
tcttcttact gcccataaaa acagggtgaac gtctgggctt cccagtctat gcttaccgcg 420
aaaaan 426

```

```

<210> 1341
<211> 697
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```







<210> 1345  
 <211> 628  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(468)  
 <223> similar to gi30082 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1345  
 tcgtgcggag gaattccccg ctgctgacct gagcaaggca ccagcaccac ctccagggtt 60  
 gcctggatgc cctcggccac tacaagcagt caaaagacct ggccctggcg gcagaggcgc 120  
 tgcgggtggc ccgggggtcac ctgacccggc tcacagggtg aggggggtacc gaggagatcc 180  
 tggacatcat cttccaggac ttctgtgtgg gcaagtgcag ggatccaggg aagtcgcacc 240  
 caagctgcgt ggagacccag gagcctcggg ggatctggaa acagtttagg ccaattggga 300  
 ttctcattcg cctgggaaag aacttgattc tcaaatagtg aagcaacaca gctgagaggt 360  
 agtgagatcc ctgcaggac tccctggaga ttcaggccct ggaatggggc tgaatggagg 420  
 tcccgttcga cccttgatgc tggggcatcc gggttgggat ggagatagga ggatctcagt 480  
 atatttgttt cgtagttttt tatttatttt gcaaatacca aaggaatgta aaaaaaactc 540  
 aggtgatcta gaagtgttta ttttcttccc ttcccttccc ttccctttcc ttttcccttt 600  
 ccctttcccc ttcccccttc ccttcccc 628

<210> 1346  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (24)...(461)  
 <223> similar to gi5630079 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1346  
 ggaatgaccg cctcgagcgg cccaagtcct tctgctacct ttccaagctg gcggcccacc 60  
 gccacacgca ccacgccacc gacgcccgc cctatccttg cccgcattgc cccaaggctt 120  
 tctcatttcc ctccaagctg gccgcccac gcctatgtca cgacccccca accgcgcccg 180  
 gcagccaggc gactgcctgg caccgatgct ccagctgcgg ccaggccttt ggccagagac 240  
 gcttactgct ccttcatcaa cgcagccacc accagggtgga gcacaagggg gagagagact 300

```

gagccctccc ttggctcact gtcccccttct gccgccagcc ctagccagta agagggtggga 360
tttctaagac cgactgtatg agctcgccctc ttccagatag ctggcagagg gcaggggcaag 420
ggattggcca ttataactgg gctcgagctc agaagcccga ggaactcttt gctcccctgc 480
tttggggaga tctcaaacca tggacgtgga gctgtggttt gacagcgctg gctctgcttc 540
tccccacaca cttacatggc aaaggtaaaa agtctgctac tatcgtgggt tgatgaggat 600
tgtggggcaa caggctctct tgttaaaaagt ttaaaactgg gtctccactt tggccatatg 660
acggtatcta agaaattgaa aatacataca tgcttgcttc aactcttcca cttgtaggaa 720
tttattctat aaactcatga atgtgaaaaa aa 752

```

```

<210> 1347
<211> 602
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(601)
<223> similar to gi437639 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1347
aatccgtcta cagtctgaaa taaatcttct caccttggaa aaggttgaac ttgaaagaaa 60
gttggaatct gcaactaagt ctaaactgca ttacaagcag cagtggggac gagctttgaa 120
agaacttgcc agacttaaac agagggagca agaaagtcaa atggctcgtc ttaaaaaaca 180
gcaggaagaa ttggaacaca tgagactacg ttaccttgcc gctgaggaaa aagatacagt 240
aaaaaccgag cgacaagaat tgttggatat aagaaatgaa ttgaacaggt taaggcaaca 300
agagcaaaaa caataccagg attccacaga gattgcaagt ggaaaaaagg atggcccccac 360
tggcagtgta ttggaagaag gtttggatga ttatttgact cgcctgatat aagaaaggga 420
tactttgatg agaacgggtg tgtataatca cgaggatcga ataataagt aactcgaccg 480
acagatcaga gagatttttg caaaaagcaa tgcccagtta atttaataac cttttgggaa 540
aaagctttta ttagagactc taagtctaaa ttttaatttc tttgtaaaac cctcaaaagt 600
ga 602

```

```

<210> 1348
<211> 1267
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (20)...(1236)
<223> similar to gi5531461 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1348
tccaggatga aaacctctaa aaacaatggt tctgcccctt gctgagagaa tgggtcgaata    60
aatggtgaaa gaggacaaga tagaagctga ggctgaagtt gaactttatt atatgatcct    120
ggaacgtttg ggaaagtacc aggaggcctt ggatgtcatc agagggaaat taggagagaa    180
gttgacaagt gagattcaga gtcgggaaaa taaatgcatg gctatgtaca agaagctgag    240
caggtggcca gagtgcaatg ccctttcccg gcgcctctta ctaaaaaact cagatgactg    300
gcagttctat ctgacttatt tcgattctgt ctttcgactg attgaagagg cctggagtcc    360
tcctgctgaa ggtgaacact ctttagaagg agaagtacat tattctgcag aaaaagctgt    420
gaagtttata gaagatcgga taacggaaga atctaaaagt tctcgccatc tccgaggacc    480
acatctagct aaattggagc tgattaggcg tttacgaagt caaggttgta acgatgagta    540
caaactgggt gatccagaag aattaatggt ccagtatctt aaaaagtttg gcgataaacc    600
ttgttgttt acagacctta aggtgtttgt tgacctctta cctgctacac agtgtacaaa    660
atattattaat cagttacttg gagttgttcc tttgtcgaca ccaacagagg ataagctggc    720
actgcctgct gacatcagag ctctgcagca acatttgtgt gtggtgcagc tgacgaggtt    780
acttggtctg taccacacca tggataaaaa tcagaaattg agtgtggtca gagaattgat    840
gttaaggtag cagcatggac tggaaatttg gaaaacctgt ttgaaaacag aattgcaatt    900
ttctgactat tactgtctcc ttgctgtcca tgcgcttatt gatgtatgga gggaaacagg    960
tgatgagacc actgtgtggc aggccttgac tttgctggaa gagggattaa cccatagccc   1020
ttccaatgct cagttcaaat tgctgcttgt tcgaatctac tgtatgctgg gtgcatttga   1080
accagtgggt gatctttact ccagcctcga tgctaagcat atccagcatg ataccattgg   1140
ttatcttttg acccgatatg ctgaatctct aggtcagtat gctgctgcgt cccaatcctg   1200
taacttcgca ctcagggtttt ttcactccaa ccagaaagat atactgcagg caaacagctc   1260
gccgagg                                           1267

```

```

<210> 1349
<211> 719
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (413)...(700)
<223> similar to gi2282013 in the genepept database `release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1349
aggggagcag gctcaatggc aaaggaaaca gaccgacact ggccaagaat cacagaagca    60
aagcaccggg ttactcatga taaacctggg aaggaagaaa gtggaacagt ttattcactt    120
aatgcttggt tgctaaagcc aagtagaaaa cggcaatact agatgttttag tgtgtttcaa    180
atacaaatgt ttgtcaaaat accaagtaaa aacataaatt tataaaacag gaaaccagaa    240
acctccctta cctttccaat gtaaaccatg agccactgct gccccaaagg tgcctcaggc    300
ttcaggagtc ctccaggagc tttttcttta atgcagtgtc tgttttcagg gaccctcctg    360
gcctttggca gccagcttcc tattgcagga gctgaggggtc taggaggggt catggcgagg    420
ttgtcagagc tgggaagcag aaagcagccg ggcaggcctc acagtcacag agtccacgtc    480
ccgggcagca tatggagaaa gggctctggc ttgctgacag cagtcagcat tggcgctctc    540
gaggaggttg agggctgagt tggggaggtc accacctcac agtgtccgtg cacaccttgg    600
ctgtttcagc aacgcgtcct gcaccaccaa ctgtttggct cccctcgcca aagtcattca    660
cgagcgaattt gggatcgtgg aagggttgat ggtgagttga ggatgaggaa ttccaccgc    719

```



```

tctcctgaag gacactggaa aagagttcat gtaccaccag ctgcccagcg aggtcctggt 600
gctgggggct gccaccaggg cacagggcct gaggtctcagg gtgcccacca ggtacgtcca 660
ccagcccagg ggctctagcc acctgccggg agcggcgcgag gaagacaagg aagtcacatcg 720
ctgtgggctag tgcagcgccc acccccagtg ggtccgccag ataggcctgc gtgtcacccc 780
agtgcgtggc accctgctgt cgcagccagg cagctgagct ggaccagttg gtgcccagga 840
agtctcggta ggaagtaagg cccagggcgca ggagcagctg tggcccccgga gagccaatag 900
gcgccagggg ggctgagtg caggcggaact tgggggctgc gaagagccag ggttgggcct 960
ttagccgggt ctcccagatg gcagtgatgg cctcgtcccc acctggcagt gggcgacggg 1020
catgggcggg gctcagctcg gcctgtatct gctcctgggg caggcccccg ccaggggact 1080
gcagcagcaa ggtcacctca ggatccatgg tctgaacggg gcagctcatc cagaggtctt 1140
gggttcaggc gccccaaatg cccatgtccc ccaaaccagc gggctctgcct ccgacccggg 1200
gcgcgcgggg acccctttcc agggcccggga agctccagcc tccagcgggc gctcacgcgt 1260
ccg 1263

```

```

<210> 1352
<211> 835
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (273)...(577)
<223> similar to gi4455678 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1352
gcgtggaatt ccttggggcc cagtgggtgcc aaggcaggcg gtttctggtg tggttgcttt 60
agtcttcatt ggaggcacac gaaggagtct gtgatatcat gtgagaccgg ggaagggccc 120
cttcaaccgc ccctttctga actgcgggtc aggcaggctc ccctggggaa acctgggcgc 180
gtaggaggca cctccacctg ctggagctgg cccaggctgg cctcccctgc agacaggccg 240
cgtctagggc cagctgctca tcccagacgc acccagggtga ttcccatgct gaacagtttg 300
atctcctgcc agagtgtcgg gccacaaact gggcagcaca tcaggatcac ctgggggcct 360
tcaaaaatca aaaatccacc cccaggccat gccctggacc cactgcacca ggacaagaaa 420
tccacccagc gcctctcccc agaccactg caccaggaca agaaatccac cccaggcca 480
cgccccagac cactgccct aggatgtggg ggtgggaacc aggtggtgct ttgtaaagac 540
gtgcagggtg taacccagg ccccccagct cggaacctg gccacaggat catccagggtg 600
tctgtgattt gcttcctcgg tttcctttgt gagtggaaaa taagtgttg gtttgactag 660
ggtttaagag cagcaggcag cccctcagct cagcaggcag cccctcagc tcagcaggca 720
gcccaggctc cctgtttgac ttctagggac catgctggcg ggaatgagaa actggtcaag 780
ctggagtcgg gactgaaggt gtaccggggg gacgaccgta tcgggccctg actca 835

```

```

<210> 1353
<211> 1073
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (527)...(964)  
 <223> similar to gi211607 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1353  
 actcgtacag agtcggcgaa ttctctctga agatcttcct atccttttct gggggaatgg 60  
 ggtcgaatgag agcaacctcc tatggttggt gtgagaatta aatgagataa aagaggcctc 120  
 aggcaggatc tggcatagag gaggtgatca gcaaatgttt gttgaaaagg tttgacaggt 180  
 cagtcccttc ccacccctct tgcttgctct acttgcttta tttattctcc aacagcactc 240  
 caggcagccc ttgtccacgg gctctccttg catcagccaa gcttcttgaa aggcctgtct 300  
 acacttgctg tcttccttcc tcacctccaa tttcctcttc aacccactgc ttcctgactc 360  
 gctctactcc gtggaagcac gctcacaag ggctaatactc gggccttgct gaaggaagag 420  
 gctgcagacg ttaatgaggt tagctgctgg attccagtat tcgtcgcata aggatccttc 480  
 tttgtctgag aaggaaaaac acactgatta tcataatgag gcacgtgggc cgtggcccgg 540  
 ctgggtcggc tgaagaactg cggatggaag ctgcggaaga ggcctgatg gggcccacca 600  
 tcccggaccc aagtcttctt cctggcgggc ctctcgtctc ctctcctggt tgggcggaag 660  
 ccacacactg gatgcctacg tgggaaggga cctcgaatgt gggaccccag cccctctcca 720  
 gctcgaatc cctccacagc cacggggaca ccctgcacct attcccacgg gacaggctgg 780  
 acccagagac tctggacccg gggcctcccc ttgagtagag acccgccctc tgactgatgg 840  
 acgcccgtga cctgggggtca gacccgtggg ctggacccct gcccaccccg caggaaccct 900  
 gaggcctagg ggagctggtg agccttcagt gtctgcatgt ggggaagtggg ctcccttcacc 960  
 tacctcacag ggctgttggt aggggcgctg tgatgcggtt ccaaagcaca gggcttggcg 1020  
 caccacactg tgctctcaat aaatgtgttt cctgtcttaa caaaaaaaaaa aaa 1073

<210> 1354  
 <211> 640  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(641)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(643)  
 <223> similar to gi5763957 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1354  
 catcttcaga caaagatgat gatgaggcca cggattatgt gttcaggatc atctacnctg 60  
 gcatgcagtc ggaattcgtg cccagggatc tgatggacgt ctctgtaagc aacctcccat 120  
 cctgtggcag cnccagtcct cggaagtcct cctgttcacg ctgttcacag agtggctcgg 180  
 ctgatggtag ctcgaccaat ggctgcaacc atgagagggc tcccctgaaa cttctctgtg 240



<222> (28)...(307)  
 <223> similar to gil93057 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1356  
 cctactctgg gggatcaacc agatcttcat tccataactc gtgcttctcg tcctaaatta 60  
 tgtactagaa aaaattgtaa tcctcttact ataactgtcc atgaccctaa ttcaactcag 120  
 tagtattatg gcatgtcatg ggaattaaga ttttatatcc caggatttga tgttgggact 180  
 atgttcacca tccaaaaaat cctgggtctca tggagcccac ccaagccaat cgggccttta 240  
 actgatctag gtgaccctat gttccagaaa ccccctaaca aagttgattt aactgttcct 300  
 ccaccattct tagtcataaa agatacactc caaaagtctg agaaaatc 348

<210> 1357  
 <211> 530  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (11)...(532)  
 <223> similar to gi4972746 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1357  
 ccacgatttc gtggagacgg agatcgagcg ctgccgcttc gagtgccagt gggagcggat 60  
 ccctgagctc gtcaagcagc tgtcggccaa gctcatcgcc aacgatgaca tggcagagct 120  
 tctcctcggg gagtcgaagc tggagcagta cctgaaggaa caccctctga ggcagggggc 180  
 cagtccccga ggccccaaagc ccagctgac tgagggtccgc aagcatctga ccgccgccct 240  
 ggaccgaggg aaccttaagt cagaattcct acaagaatcc aatctgatca tggccaagtt 300  
 gaattatgtg gaaggcgatt ataaagaagc tctgaacatt tacgccggg tgggcctgga 360  
 cgatctgcca ctgacagctg tcccgcccta caggctgcgg gtgatcgac aagcctacgc 420  
 taccaaagga ctttgtttgt agaagctgcc tatttcttct tctaccagta atctccatgt 480  
 ggaccgggaa caggatgtca tcacctgtta tgagaaagca tgggacatcg 530

<210> 1358  
 <211> 447  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(448)  
 <223> n = a,t,c or g



<220>  
 <221> misc\_feature  
 <222> (62)...(449)  
 <223> similar to gi505094 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1358  
 gtaatagaga aanattctag acctgagagc tcgaanncgg annnnggnnn gaannnctat 60  
 tactgttgac agaaacacgg aaaccagAAC ttcctcattt agcatcattt ctgtccctgc 120  
 ttccagcacc tgaggggtctc cgagccgtgt gatttatgcc aagcttggtg gtgagatcct 180  
 ggactacagg gacttggcag cccttcctaa aagtaaggcc atctatgaca tcgaccgccc 240  
 cgacatgata tcctactcac cctacatcag ccactctgca ggggacaggc agagctacgg 300  
 cgagtccctt cagttgctct cgccaacgcc gaccgagggg gatcaggatg accggtccta 360  
 caagcagtgt cggacctcca gcccaagctc cactgggttg gttagcctcg ggcgctacac 420  
 tccgacctca cgggcaccac agcactc 447

<210> 1359  
 <211> 834  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (495)...(828)  
 <223> similar to gi5832876 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1359  
 ggcgaaaaga gcaaaactct gtctcaaaag aaaagataaa ataaaataga gtccaaacct 60  
 attaaaagta ggtactggct gagcagcagt ttcttacaaa ctataaacag cctcttctaa 120  
 cgtttagtatt ctcggtgcct catattttaag tagttgataa cagtcaactt ttagtattgt 180  
 tctctatttg ctaaaatccta tcccccaact aaacctcaag aactgtcaca tttttgtgtc 240  
 caatatagta cctagaataa gaagtgcata gaagacagca gattcttcgt aagtcctctc 300  
 tgaactttcc agttaataga gtaagctccc atacctgaca aagatccaga gaattcactc 360  
 tgctacttca cgttccatac cagtgactca ccgcgcataa tcctggggag tgaccagaaa 420  
 cttctctttc atctggacct cagctttgtt ctcccaccag aatttggttg ttgctttctt 480  
 gtgctctggg ctggccagat gctccagcag cccccgtac agcaccgtca ggtttccatg 540  
 gctcaggtgt tccgcacact cacagccgca gcacaggcac cagcagcatc gctcgtgttc 600  
 gggcacatag cgtccacct gagcggcgcg gatggccttg cgggccgcct ccacctgggg 660  
 caggagcctc tccaaagcct cttcagctg ccgctgggtg ttgcggctgt aaacgtgcc 720  
 gcgaccacag aagaaggtct ggcggcacag agggcagcgc tgcgcggcg ccatagccc 780  
 ggtacccggt atcaccacca ccagcgggcg atcctacgcc atccggcgac gaaa 834

001210"52288460

[illegible]

```
<210> 1361
<211> 712
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (153)...(709)
<223> similar to gi3417297 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

834



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```
<220>
<221> misc_feature
<222> (66)...(378)
<223> similar to gi56588 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<210> 1365
<211> 810
<212> DNA
<213> Homo sapiens
```

<400>	1365						
aatcgtagac	ttcgtagacc	ctaggcagtg	cggtggaatt	cccacaagat	gtggacaagg		60
aggcgatgat	ggaagcaggc	tgggaccct	gcctgcaggc	ccccttccac	ctcaccgccga		120
ccctgtacag	gacgctgcgt	aatcaaggca	accagggagc	accggcggag	agccgagagg		180
tgctgcaaga	cacggtcaac	ctccttttca	accatcccag	gcagagggaat	gcctcccggg		240
agaacctgaa	ccttcccag	ccccagcctg	ccacaggcca	gccacgttcc	aggcctctga		300
aggttgcagg	cagccccaca	gggaggtctg	ctggagacca	gggcagtgag	gaagccccac		360
agaggccacc	agcctcctct	gcaaccctga	gacggcagcg	acatctcaat	gqcaaaagtgt		420

```

cccctgagaa agaatcaggg ccccgtcaga tcctgcggag cctgggccgg ctgtctgtgg 480
ctgccttcgc cgagcggaac cccgtggagg agctcactgt ggattctcct cctgttcagc 540
aaatctccca gctgctgtcc ttgctgcac agggccaatt ccagcccaaa ccaaaccacc 600
gaggaaataa gtacttgGCC aagccaggag gcagcaggag tgcaatccca gacacagatg 660
gcccgaagtgc aagggctgga ggccagacag acccagaaca ggaggaaggg cctttggatc 720
ctgaagagga cctctctgtg aagcaactgc tataagaaga gctgtcaagt ctgctggacc 780
ccagcacagg tctggccctg gaccggctga 810

```

```

<210> 1366
<211> 714
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (535)...(658)
<223> similar to gi2072425 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1366
gcgctgggct gcttccacgc cagtctgcgc ttaaaccat acttcctcag gtgtgcagca 60
gtagcatctg agcggaggag aactgagtat cttagcagtt ttttagattt aacaaagatt 120
actctcactg cagacaaaac tttttattta accctattta gcacctacta agagctttgg 180
aaatattaac aacttaaaga ccattatta caactgaagc tttttatga atagttccca 240
ggaagaactg aggaatccac taaaagacaa tatttcattg ctttatggag gaaaaaactt 300
acctattttct cttcaagaat ggaacttttt ggcataagta ctcatgtaac aaaaatttgc 360
tatttgtcaa gaaattactt cttttaagtT ttctagaaaa gatcattttt cccccaatgt 420
atgttaaaag tatatagttc agtctagaaa tggaaagcat tctaaaaata aatgtaattg 480
gggtccactg tcaaatgaaa attgccactt actgtgggta tttttgtttt cagatggggt 540
acttatgaat atggcagtta cagagggcga cagttcctat tgtctcctgc agaagtgcgt 600
gattggatat aattcaatgt ctgtgcgcga ataggttcta gatgacctt tgttcaggtc 660
tgttcttagt ctgagaattc cgacgttctt cgcactagac tatcgatctc attt 714

```

```

<210> 1367
<211> 976
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(979)
<223> similar to gi2253211 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1367
tcccacggtt ctggaaggag gtggaggaac attggctgct gaagatttag ttctggccag    60
ccagctacct gtgtttccgc ctgctgggcg cggccctgcc cctgctgacc aaggagcagc    120
tgcaacctgt gatgcagga gacgtgatcc gccattacgg ggagcacgtg tgcactgcta    180
agctcccaaa gcagttcaag tttgccccag agatggacga ttacgtgggc accttcctag    240
aggggtgcca ggatgaccct gagcggcagc tggccgtgct agtggccttc tcatctgtca    300
ccaaccaagg cctccctgtc acgctactt tctggcgggt agtgcggttc atgagccctc    360
cggccctgca gggctatgtg gcctggctgc gggccatgtt tctccagcca gacctggact    420
ccttggttga cttcagcacc aacaaccaga agaaagccca ggattcatcg ctccacatgc    480
ctgagcgagc tgtgttccgg ctgaggaaat ggatcatctt tcgattggtg agcattgtgg    540
acagcctgca cctggagatg gaggaggcct tgactgagca ggtggccagg ttttgtttgt    600
tccactcggt tttgtgcaca aagaagccca catcccagat ccctgagaca aagcaccctg    660
tctccttccc tttggaaaac caggcccag aggctgtcag cagtgccttc ttcagtctgt    720
tgcagaccct cagcacgcag ttcaagcagg caccgggcca gaccagggg gggcagccct    780
ggacctacca cctggtgcag ttcgcagacc tcctgttgaa tcacagccac aacgtgacca    840
ccgtgacacc cttcactgcg cagcagcgcc aggcctggga ccggatgctg cagactctga    900
aggagctgga ggcccactcc gcagaggcca gggctgctgc cttccagcac cttctgctcc    960
tcgtgggcat ccacct                                     976

```

```

<210> 1368
<211> 384
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (384)...(23)
<223> similar to gi531829 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1368
tcggccgatg aacgagtaag gttagagagg caggcatgag ccagatcctg aattgatttg    60
aatgccatgg gaaatggctg agcttctttc cactgtgggt ggccgggagc tggactgggc    120
tctatttcag gctacaagag gatcaagtag acatttggtg gtggagtggg gccatgnnnn    180
nnnnnnnnnn ggggggggccc ttttaaagga tccaagttaa cgtccgcggg cttgcaacgt    240
aatatttttt ttttggggcc cctaaatta aattcccggg ccgggggtta acaacggggg    300
gatgggaaaa acccgggggt tacccaattt aatggctttg aagaaaatcc ccttttcgcc    360
ggggggccta aaacccaaaa cccg                                     384

```

<210> 1369

<211> 416  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(366)  
 <223> similar to gi458657 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1369  
 agcctcaata atgtaacact gcccgaagcg aaaacagaaa aagatttcat ccaactctgc 60  
 acccctgggg taattaagca agagaaaactg ggcacagttt actgtcaggc aagctctcct 120  
 ggagcaaata tgattggtaa taaaatgtct gccatttctg ttcacgggtg gagtacctct 180  
 ggaggacaga tgtaccacta tgacatgaat acagcatccc tttctcaaca gtaggatcag 240  
 aagcctatatt ttaatgtcat cccaccaatt cccgttggtt ctgaaaattg gaataggtgt 300  
 caaggatctg gagatgacaa cttgacttcc ttggggactc tgaatttccc tggtcgaacg 360  
 gtttcttttt cttttgagat ggagtctcgc tctgtcgcgc aggctggagt gcagtg 416

<210> 1370  
 <211> 407  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(326)  
 <223> similar to gi29468 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1370  
 gctccctgga gcaggagaag aagctgcgca tggacacgga gcgggccaag cgcaagctgg 60  
 aggggtgacct gaagctgacg caggagtcgg tggctgatgc tgctcaagac aagcagcagc 120  
 tggaggagaa gctcaagaag taggtgtggt ggggcagcag gtgggggcct tctgagcctg 180  
 cacctggccc ttgttccctt ctggattctt gtggttccca ctctgtggct cccaggaagg 240  
 actccgagct gagccagctg agcctgcggg tgggaagacga gcagctcttg ggggcccaga 300  
 tgcagaagaa gatcaaggag cttgtctggt tccatggcct agaaaaaagc tggcactgcg 360  
 gctgcaggag gcagaggagg gcgtggaggc tgccaacgcc aagtgtc 407

<210> 1371  
 <211> 449  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (30)...(452)  
 <223> similar to gi2323287 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1371  
 aagcttggca cgaggctgaa ggtcaaaagg ccattaatca gttaaaacaa gccttgctta 60  
 aagcaccagc cccagtcctt tctgtaggga agtcctttaa tctttatgta tcataaagga 120  
 aaggaatgac cctgggagtt ttaattcaag ttcaaggccc agctcaacag ccagtaggtt 180  
 acttaagtag agagcttgac ttggagggcta aaggatggcc agcttgccctc tgagcagtta 240  
 cagtagtggc cctgctagtc ccagaggcca ccaagttaac cctggggaat aacctgttta 300  
 tgcctcacat aaataatgtg gcaggcttgc tgcctcctaa agcgagtctc tggctaacag 360  
 acagctgcct cctcaagtat cagactttgc tgctagaggg aatcttgag tccagggtta 420  
 aaacctgacc ttggcctgat cccagagaca 449

<210> 1372  
 <211> 1113  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1114)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc\_feature  
 <222> (9)...(212)  
 <223> similar to gi2224641 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1372  
 ggaattcgat cgaactcgat gactgcgccc agactgatga ggagcatcgg aatcggggta 60  
 aactgagtga tctgggtggca gagcacctag accacctgca ctatctcaat gacatcctga 120  
 tcatcaactg tgagttcctc aacgatgtgc tcaactgacca cctgctcaac aggctcttcc 180  
 tgccccctcta cgtgtactca ctggagaacc aggacaaggg aggagaacgg ccgaaaatta 240  
 gcctgccggt gtctctttat cttctgtcac aggtcttctt aattatacat catgcaccgc 300  
 tgggtgaactc gttagctgaa gtcattctga atgggtgatct gtctgagatg tacgctaaga 360  
 ctgaacagga tattcagaga agttctgcca agcccagcat tcggtgcttc attaaaccca 420  
 ccgagacact cgagcgggtcc cttgagatga acaagcaciaa gggcaagagg cgggtgcaaa 480  
 agagacccaa ctacaaaaac gttggggaag aagaagatga ggagaaaggg cccaccgagg 540  
 atgcccaga agacgccgag aaggctaaag agatcgagat ggtgatcatg gagcgtagca 600  
 agctctcaga gctggccgcc agcacctccg tgcaggagca gaacaccacg gacgaggaga 660  
 aaagcgccgc cgccacctgc tctgagagca cgcaatggag cagacccttc ctggatatgg 720  
 tgtaccacgc gctggacagc ccggatgatg attaccatgc cctgttcgtg ctctgcctcc 780





```

gtctcagggg tgagtgcacat tccaagatgt ggccattgac ttctccaagg aagagtgggg 240
attcctgaac cctgctcaga gagattttgta cacaactgtg atgctggaga attatcagaa 300
cctgggtctgg ctgggacttt ccattttctaa atctgtgatt tctactgttg agaaaaggaa 360
actgccttgg ataatggcaa aagaagagat aagaggccca ttgccagatg tgccaggtgc 420
agagattaag gagttatctg caaagagggc tattaatgaa gtattatcgt agtttgacac 480
agtgataaaa tgtacaagaa acgtatgtaa ggaatgtgga aatctatact gccacaatat 540
gcagcttact ctccataaga gaaatcatat acaaaagaaa tgcaatcagt gtttagattg 600
tgggaaatac ttcaactcgtc aatcaactct cattcagcat caaagaatcc acacgggaga 660
gagaccctat aaatgtaacg aatgtattaa aaccttcaac cagagggcac accttaccta 720
gcatgagaga attcacactg gtgagaaaacc ttacaaatgt aaggaatgca ggaaaacctt 780
cagccagatg actcatctca cacagcatca gactacacat acgagagaaa agttccatga 840
atgcagtga tgtggaaagg ccttcagccg tgtctcagct cttatagatc accagcgaat 900
tcatagtgga gaaaagccgt atgaatgtaa ggagtgtgga agagccttca ctcaaagtgc 960
ccagctcatt agacatcaga aaactcattc tggagaaaaa ccctatgagt gtagtaagtg 1020
taagaaatct tttgtgcacc tgtcttccct gattgaacat tggagaattc acactggaga 1080
aaaaccatat caatgtaagg actgcaaaaa gaccttttgt cgtgtgatgc agttcactct 1140
gcacaggaga attcatactg gtgaaaaacc ctatgaatgc aaggaatgtg gaaagtcctt 1200
cagcgcccat tcttctcttg ttactcagaa gagaacacac agtggagaaa aaccgtataa 1260
atgcaaggaa tgtggaaaag ccttcagtgc gcactcttcc cttgttactc ataagagAAC 1320
acacagtgga gagaaaccct atacatgcca tgctgtggg aaggccttta atacttcctc 1380
cacactttgt caacataata gaattcatat tgggtgaaaa ccttttcagt gcagtcaatg 1440
cgggaagtcc tttagctgca gctctcacct tactcgacac tgtagaatgt gtaatggaaa 1500
atttagcaaa taaccaaAAC tcaaaatgtt aattctgatt attctgtatc atcaccagta 1560
ctttgtactt tgagtctttt taaatatgct ctg 1593

```

<210> 1375

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (114)...(704)

<223> similar to gil015903 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1375

```

tttgggtgtcg gaagcgccag cccagagcct gggaagtggc cgcagaggct gctcggcccc 60
gctgcccgcc aggtcgtggg ctcccgcctc gggcccgggg ccaccggctg tggacttcaa 120
aatgagcgtc cctgactaca tgcagtgtgc tgaggaccac cagacgctgc tcgtggtggt 180
ccagcctgtg ggcactgtct ccgaggagaa cttcttcagg atctataaga ggatttgctc 240
tgtgagtcag atcagcgtgc gggactccca gcgactcctc tacatccgct acaggcacca 300
ctacccaccc gagaaacaac agtggggcga cttccagacc caccgcaaag tcgtgggcct 360
catcaccatc acagactgct tctcggccaa ggactggcca cagaccttcg agaagttcca 420
cgtgcagaag gagatctacg gctccacact gtatgactcc cggctctttg tcttcgggct 480
gcagggggag atcgtggagc agccgcgcac cgacgtggct ttctaccca actacgagga 540
ctgccagacg gtggagaaga gaatcgagga cttcatcgag tctactgttca tcgtgctgga 600
gtccaagcgt ctggacagag ccacagacaa gtctggggat aagatcccc ttctctgtgt 660
cccgtttgag aaaaaggact ttgtaggact ggacacagac agcaggtaag cttacctaga 720
gacccaggcc ccttggcttc cctgcatcag aaagggaaag cacagggcag aatttcattg 780

```

cagcaaggag tagaaagggtg ttgtccattg gtttttaaaa ctaatgactt tctgtcaga 839

<210> 1376  
 <211> 617  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (91)...(411)  
 <223> similar to gil773381 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1376  
 ctccaaactt ctatcaagggtt ttcagagggt gagtccacac caccctcctt catgagcggt 60  
 cacgccaac ttgctgggtc tcttggtggg cagccagcac ccatccagac tcaaagcctc 120  
 agccatgatc cagtcagtgg aactcagggt ttagaaaaga aagtcagtcc tgatcctcag 180  
 aagagttcag aagacatcag aacagagggt ttggccaagg aaattgtcca ccaagacaaa 240  
 tctctagcag acatttttga tccagactcc aggctgaaga caacaatgga cctgatggaa 300  
 ggtttgtttc cccgagatgt gaacttgctg aaggaaaaca gtgtaaagag gaaggccata 360  
 cagagaactg tcagctcttc aggatgtgaa ggcaagaggt aagtccttggt tgatgtcctc 420  
 agagagactt acaatcacac tccttccatg gggatgatga taagtctagg actagttgcc 480  
 tgatgttctc ctactgccac agctcctgaa ccaagagtga cattttatct cagtcttgga 540  
 ggaatggctc tggcagtgag gatgtgggac agatatgcaa caacaaagaa agtaatatga 600  
 ataattataa taattgc 617

<210> 1377  
 <211> 1028  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (65)...(919)  
 <223> similar to gi3242649 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1377  
 tttttttttt ctgagccaat acattttctgt ttattataac ttaccccgtc tcagggatct 60  
 tgctagagca gcaaaaacag actcagacag accctcacc caggagcct gctcccaacc 120  
 ggggcccaca agaaaacaag ccagcgaggg cactgcgga tgcagggttt tggcgacaga 180  
 gctacaggag tgtgccttgg cccccacaag ggccacagtc ctgccccac ctggtctccc 240  
 ggggctcaga cagcagccgc cagccacgg aggtagtccc ccgcccaggg cagcacggcc 300





```

gggagaggag gacgaggatg tagcccggtga acgggagcgg gtggtccaag gagccaccca 1560
gggggatgtg ttggtgctga ggaacttgac caaggtatac cgtgggcaga ggatgccagc 1620
tggtgaccgc ttgtgcctgg ggattcccc tggtagtgt tttgggctgc tgggtgtgaa 1680
tgagacaggg aagacgtcca cgtttcgcat ggtgacgggg gacacattgg ccagcagggg 1740
cgaggctgtg ctggcaggcc acagcgtggc ccgggaaccc agtgctgcgc acctcagcat 1800
ggg 1803

```

```

<210> 1381
<211> 418
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (40)...(335)
<223> similar to gil632787 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1381
ttgcttcggc tcaggtgccg actgctctcc aggtcggagc caccactact gccaccacca 60
ccactggtgc cagcaccgcc accgccgcca ccgccaccac cgcagaagtg tgctgcattc 120
atcaggatgc ccggggacag caggtcattg tcctggaacg gcccctgga ggctcactgc 180
caggtggccg ctggcctgac cccttctcca gtgtcctgga agctgcctcc tccctcctaa 240
cccaggcca agcggccact gtccagccgg cctcttgcca aaccagaggg gagggcccca 300
ttcccttttg tcctccacc caccagccac cctggacctc attggtctac aggcggtttt 360
ccactatgca gcagaggcag ggaagcagag aggggtcgcc catccacct tctaggaa 418

```

```

<210> 1382
<211> 619
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (490)...(593)
<223> similar to gi2529737 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1382
ctcccatagg gagaagccgt gaaagacagt gagcaggcgc tgtacgagtt ggtgaaatgc 60
aacttcaatg tggaggaggc cctgcgaagg ctgcggttca acgtgaaggt gatccgagat 120
gggctctgtg cttggagtga agaggagtgc aggaactttg agcacggctt ccgtgtgcat 180
ggaaagaact ttcacctgat ccaggccaac aaggtgcgca cacggtcagt gggcgagtgt 240

```

```
gtcgcgactact actacctgtg gaagaagtcg gagcgctacg actacttcgc ccagcagacg 300
cggctggggcc ggaggaagta cgtcccgtcc ggaaccacgg acgcagacca ggacctggat 360
ggcagcgacc ccgatggccc cggccgtccg cggccggagc aagacaccct gactgggatg 420
cgcacagatc cactgagcgt ggatggcacg gccgggtggc tcgatgagcc cggagtggcc 480
tctgatggac tcccgtcctc ggagccaggg ccgtgttcct tccagcagct ggatgagtcc 540
cccgtgtac cctgtccca tcggcccccga gccctggccg acccagcctc ataccagcca 600
gctgtcactg ccccggcgc
```

```
<210> 1383
<211> 760
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (50)...(708)
<223> similar to gi29516 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1383
gtacgcacgc ttgcgtactc tagaatgctc tagagcgggc gcgcgccggg gcaggggaagg 60
ccggggcgtg ccttagacag ggcacagggg catgaaaggc gctggggagg aacaggacca 120
gcctcggcaa gtgggagttg atgcgagtga cccggggcct tctgtctcgt ctgggtctcc 180
accaccaaga gcctgatctt gcgactgaac gccaccatg gccctggcct caccgagctg 240
ccctcggttc ccaggacctc tggggccact agctgggctc ctgcctggc actctcctgt 300
tcctcatcct ccgcacgccc ccggcaccca gacttggcac actggctgca gaggctccca 360
ttgcatggtg cagacagctc tcctgcacc ccagtgccc gaacatggag taggtgcca 420
tgaatgcctc ctgggggagt ctgaccacga tgtgtataca gtacagccgg gactccccgg 480
ggagcaggtc ggaaaccgca cctgctgact ttcttagttg tcttttggga aggtgggctg 540
gacccacta catactcccc aaggtcatga ggggcatcgg ggtgggatct tccagaacct 600
tccccattcc ttctactatc caacactgac atgtgggccc ccacccctga cctggggagg 660
caagggccga ggagtcaggg aggggtggaga ggaagtgcc ctcccatgac acgtactttg 720
ccccccacac ctctgcctc ccgtcgaccc gggaattccg 760
```

```
<210> 1384
<211> 714
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(334)
<223> similar to gill136424 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 1384
ggggcgccaa agccggtcca acaccccttg cttccggtgc ccaccccaca ccccacggtg      60
cacagcttca tctccaacca tggcatcttc tctctgctta gcagcagtgc tgccacagcc      120
ctgctgatcc agcgcaccaa tgaggaggag aagtggctgg cgcggcagcg gcggctgcgg      180
caggagaagg aggaccggca gtctcagggtg tccgagttcc ggcagcaggt gctggagcag      240
cacctggata tgggcccggcc cccggtgccc gcggaggcag agcacaggcc ggagagcacc      300
accaggtgag tgagccccag gaaggaagga gggatgagcc ttcacgttcc gatttggtca      360
gCGTgtattg agcacctcct gtttgcccg catcctgccc cagcgtttct gcctgcctct      420
ttcattttctg ttctttcatc ttcacgttat aatgcctgtc ttgcctatgg ggaagctgag      480
actgaggaag aaaatggatt gctcaaagg atccccacca gtaagtaaag agaccaatca      540
agtccatgtt gagagccagg gcactgcaca cgcagcctga cctagttccc aggaggccat      600
tcacagcaga tgaagagtgc aaggtagaag ctttaattac taataatacc tgttctctcc      660
atcttcctct gcttttgagc ctggacttct tttttaacaa gaaggggact cccg      714

```

```

<210> 1385
<211> 442
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (23)...(441)
<223> similar to gi200545 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1385
tttcgtatcg ctgcgaaggc ggccacggcg tccagcgaag gcccggggta ggagtcctgt      60
aggcccttcc gcatggagtc caggaaggat ccccgagacc actccaagcc ccggaccgca      120
gcctcggagt aaccgagcag ctccacgccc cggtagggtgc agcgtccgct gctggcgta      180
gggtccatgg atgccagttc ctgcaggaag ccctggaggc gggccccacc tgagccgcgc      240
tgagcttgga gggaggccgc agccgccatc accagaggct gcagcaaggc caagtccggc      300
tcttctgcct gcaggacaag ggagagcttc tgacagagg gcagggcatc cagcagcagg      360
tggtgaagg ccacgaagggt gaactggcgc agggccaggg ccagtgacct cgccacaggt      420
gaggcaaggg ctgcagcctt ca

```

```

<210> 1386
<211> 879
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (879)...()
<223> similar to gil504012 in the genepept database release 114,

```



Run with FASTXY 3.3t00, default parameters

<400> 1386  
cgacccacgc gttcgggaatc cggatgagta ctatgtgttg gcagtttcct gttgacagga 60  
atgggagaaa ggggtccagg tgccgtgtgag cccggggacc atccctcagc ctgaggccag 120  
ggttgtgtct gaagagaaat ccctcatgtt catcaggccc aagaagtaca tcgtgtcatc 180  
aggctctgag cctcccaggt tgggctatgt ggacatccgg acgctggctg acagcgtgtg 240  
tcgctatgac ctcaatgaca tggatgctgc atggctggaa ctgaccaatg aagaatttaa 300  
ggagatggga atgcctgaac tagatgaata caccatggag agggtcctag aggaatttga 360  
gcagcgatgc tacgacaata tgaatcatgc catagagact gaggaaggcc tggggatcga 420  
atatgatgaa gatgttgtct gtgatgtctg ccagtctcct gatggtgagg acggcaatga 480  
gatggtgttc tgtgacaaat gcaacatctg tgtgcaccag gcctgttatg gaatcctcaa 540  
ggtaccagag ggcagctggc tgtgccggac atgtgccctg ggggttcaac caaatgtct 600  
gctgtgtccg aagaaggggt gagctatgaa gccacccgt agcggaacca agtgggtcca 660  
cgttagctgt gctctgtgga tccctgaggt gagcattggc agcccaaaaa agatggagcc 720  
catcaccaag gtgtcacaca ttcccagcag ccggtgggcg ctagtgtgca gcctctgcaa 780  
tgagaagttt ggggcctcta tacagtgtct tgtgaagaac tgccgcacag ccttccatgt 840  
gacctgtgct tttgaccggg gcctggagat gaagaccat 879

<210> 1387

<211> 497

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(487)

<223> similar to gi3873550 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1387  
gtctggcaga ttccttaatt cctctgcaaa ctcgtcattc gttttctctc gcctgggggc 60  
aggagcaggg aggaccctat tttcagttga ctgtgatgcg ggaacttctt cttcatctgt 120  
taagtcctcc atatctccaa agagagtggc cagattttcc ttttcgtctc ttgtctctcc 180  
tgtttctcca tcatcagcct cttctgtata agattcaccg tcgccgtcgg catcaaagag 240  
ctcatcaaat gcgtcgggct cgccattttc ccgcgtcaag aagttatttt cttctgaatt 300  
acaatccaag gctgactcat tttcttccag cagtgcggtc agcagagaca gattgtcttc 360  
ctcctcatcc atgctgtcaa gaggacagtt gtgacaggaa acttcgaagg aggctcagat 420  
gccagatga gcaacgaaat cgtcgacccc gtaattccgg aacggtgcgt cggtcgcac 480  
agctgtcagg cttcaaa 497

<210> 1388

<211> 644

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (3)...(641)  
<223> similar to gi5640017 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1388  
tttcgtggaa tttcagtttg tgctcaagcc ctgttcagca ttaaagtatc cccccaggaa 60  
ccagacccca ggatgatgag ctgttcggac aaaccttcct ccagaaatcc gacctcagca 120  
tgtgtcagat aatccacagt gaagagccca gtccatgcga ttgtgcagaa acagacagag 180  
gggactcagg acctaacgca cctcacagaa cccacaacc agccaagccc tatgctgtgc 240  
gagagtgtgg gaaggccttc agccagagct cgcacctgct ccgacacctg gtgatccaca 300  
ctggggagaa gccctatgag tgctgtgagt gcgggaaggc cttcagccag agctcccacc 360  
tgctcaggca ccagatcatc cacaccgggg agaagcccta cgagtgccgg gagtgtggga 420  
aggccttccg ccagagctca gccctcacgc aacacaaaa gatccacacc ggaaagaggc 480  
cctacgagtg cagggaatgc gggaaagatt tcagccggag ctccagcctc agaaaacacg 540  
agagaattca tacaggagag agaccttatc agtgtaagga atgtgggaaa tccttcaacc 600  
agagctcagg cctgagccag catcggaaga tccacaccct aaac 644

<210> 1389  
<211> 443  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (122)...(439)  
<223> similar to gi3874528 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1389  
cgctcccaaa aagatggttt cccaggatga ttttctcaag caagtgtctga cagagcagga 60  
gtcaagcggg ggtggggttg gaggtgaaa cccattgaag ggtcaactt catagaggca 120  
ggcaggggat cctgggggtg ccagacgtgg ctgagatggt tctgcagagg ggaggttggg 180  
aagacctagg agggcagggc aggctgggccc gggagagatg gtgggaaatc ccaccaggtc 240  
aggggccagt gggcagaggg aagcatcagc tgagacccag agacagggct gccctgctgc 300  
ggtagggccc aggggcaggg gcctgcaggg gctgcctggg gcttcccttc ccaccctaa 360  
ctccagtccc cactcaggac tgctcacatc cgtccgtcct ggaagggtcca cagaaaacaa 420  
tcacctgggc ctcccttact cct 443

<210> 1390  
 <211> 1457  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1387)...(1256)  
 <223> similar to gi3879882 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1390  
 taggaattgc ttaaaaacaa gaagttctcc cacccttggt ggagcgaatg cgcgagtctg 60  
 acagtgaacc ttttgggaaa gagccagcat tgtaaccgtg ctccggtgact tctctggctt 120  
 tataggggaac agatgtgagg atagcaaggg gcgcacacgt gaaatgcctg gcaggtaccc 180  
 ctttgtgggt ctacttactt ctgtccattc ctctgccctc caagtgtaga ggggacaccg 240  
 tgggccttgg cagtcgcgtt ccgactccgg tctggtgtat gggttgcact cggctctctt 300  
 ggctattttg tgtgttccga tctgacagcc cacatgcctc tgctgtacgc ctccggccaca 360  
 ggacacagag cactaagaag acagagaaca ttcacagtct ggtgagacaa gtttgagatc 420  
 tcatattttc agctcatcct tgaaaacctt tcttcgattt gactgacctt gatggctccc 480  
 tggaatctca cctacatttt atgggaaatt caactctcca gagagaagag ctttcagata 540  
 gctgcgggac ttgcaactgt gactttcagc tttcgctttt gaatgaggct ccaaagtgtc 600  
 caatggtggc actatttcca gatttgggag ccctgcaaag ctaatctgct caaccttcac 660  
 ctactgggtt caatgaatat gaaaagctgc cttcctgaaa cttttccttc aaagagggaa 720  
 tgatctcctg gaattcaagc ttctacaagg tggctacctg gtgttttcca cttttgccgt 780  
 ttcctaaaaa gcatcaatca agccttgccc tttcaaccca ctgaacacat aaacatgctt 840  
 tctccttaac tgaacttatg gccacgatga acttgaactc tgagattcac agaggagagt 900  
 ttgttttaac agctgctttt acaatgaagc cctggagtta ctactctcaa gaccctggt 960  
 tctgataggc catcttttca ctgtcctctg cattttctaa tgcccagctg tcaaggaaca 1020  
 cccactgaag ttttccaaaa caaaggcacg aaacacaaga aaggcaagag aatgctaata 1080  
 accagatgca tgggcatcct atgggggaac cccttacatg tggaatacgg tttttctccc 1140  
 caatttatth ttataaattt attgatttct ttgctagttt gttattaatt gttagagatg 1200  
 tcctgttgcc tgaggttgcc ctgtccgata tggtagccac cagcgacagg tagctattta 1260  
 gagtaattta aaaattacat taaaaatgca gtttccttgt cacttaacca tgtttcaagt 1320  
 gctcagtatt aaccacatgt gactagtggc ttccataaag gaaggcaaaa atagagaaca 1380  
 tttacatcgc tgcagaaagc tactagattt ttttggccaa ggcataagct ctttctcata 1440  
 agagaaaggg gattgca 1457

<210> 1391  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (24)...(340)  
 <223> similar to gi3650031 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



0046373E 043400

```
aggaggggag caggaccctc ggaggccaca agtcacacag gccgtcctgg taaagtgaga 180
aacctgaggg tggaaaagag cagcaggaca ggccctggag aggaggctag gggctgctgc 240
ctgggtaccc tcccccaagc ctttctcccg gccctaacc ggtccaacag gaacttggcg 300
agctgcgagt gcagggagaa gccagccgc tccttgagga ggcaccactg ctccatgtgg 360
ccgcccaggc ggatgcggca cttgctgcgg cgcggtcca gctgccgccg cttctccgc 420
cgctgcagg acacgtccac cgccggggag gaagccatgt gcaccagagg ctgtgcgcc 480
ccacgcgg 488
```

```
<210> 1394
<211> 399
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (53)...(362)
<223> similar to gi2315832 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1394
gcgctaccgc cccccgacgt gagagagcga agttcttggg ccgcgctccc tccctacctg 60
ggtgccctcc cctccggga gcctgggtcc ccggggcggt cgggcggtgc gcctcctcag 120
gccaggccgc ggggggaggg ggccgcacgg gcctccgaaa gcggggccat ggagcccaga 180
gagtcgggga aggtaggact ggaaggcccg ggggcgccc gctccctccc gaggatcccc 240
gagccgggct cgggcgaggg ggggcgggctc gggcgagggc cccgcagatg agccaggctt 300
gcaggggaagg actcgcgggc ccgccctctc ttcccgact tcggcgcccg accccgggag 360
ggtggcggaagg aggagcggac gcttccgttc ggagtcggg 399
```

```
<210> 1395
<211> 658
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (138)...(361)
<223> similar to gil580781 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1395
ctcattgata atttttcttt ctctaatttg gttcttatag tgtcttaaaa acgtgttaga 60
tgaattgcat agaagctact aaattattta ctttgctaaa gcctcctgct gaagttgaac 120
ctattttatt actttttaaa tttctgtatt agatatcaag gcaacatgag cagccagggc 180
```

```

aaggaatagc accagatgca gttaatggac aaaggaggga ttccagatct actgtgtttc 240
gtattcctga gttcaactgg tctcagatgc atcaacgttt gctcactgat ctattatttt 300
caatagaaac agatatacag atgtggagaa ggtttgtcta tatgtttatt atggaagatg 360
tgtataaacc tagtctttat tttcaaagaa atccatagaa acaggttgta attaatttca 420
gacatttggg taaaaagtag aatagaaatt attctatggg agggttttac tgaattcact 480
tttattctcc attataagaa tgggaatcctt atctggatta caaaaatgtg aaaagcagag 540
gtttctcttt taaaaaaatt tggagtagat ttcctgtagc aattttatgg cacggaattc 600
accacaaggt aggtttatca agttggttta ttactagaag tattaataca taattggg 658

```

```

<210> 1396
<211> 403
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(367)
<223> similar to gi3599478 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1396
actaaggcgc accggtgggc actggtggga cagcagggcc ccgcgcgcag ggaagccgcc 60
cggatcgccc ggaaccgggc atcttccgtg gcgggtcagc cgagagcccc ccgggtggtg 120
ctgagtaggg agtcccgggc tcggggctcc gcgggcccgt tgcaggagca ggtggccttg 180
gcaccgagcg tgcccgcggg aggcgggggg gggcgctgct cggtggtctt gctgcgtagc 240
cgggtgaacac ttggcactga tgcccgcctt ctgggcaagg tgccctgagc ccagcccctc 300
gccgggctgc agccaccct cggcgcgctc agcccgttc accgcttcag ggacggaata 360
gaactcgagc atgcagggtg tcgctgacat tttcaacttt ttc 403

```

```

<210> 1397
<211> 1214
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (20)...(1150)
<223> similar to gi2811122 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1397
gtgcagttag gcggaataca caagcgcagc caccgaggcc ggcttgagc tgggtggacaa 60
gggcaaggcc aaggagctgc cagggagtca agtgattttt gaaggcccca ctctggggca 120

```

```
gcaggaagac caagagcggg agagggttggt taaggccatg accctgtgca tctgtctacgc 180
ggccagcatc gggggcaccg ccaccctgac cgggacggga cccaacgtgg tgctcctggg 240
ccagatgaac gagttgtttc ctgacagcaa ggacctcgtg aactttgctt cctgggtttgc 300
atgtgccttt cccaacatgc tggatgatgct gctgttcgcc tggctgtggc tccagtttgt 360
ttacatgaga ttcaatttta aaaagtcctg gggctgcggg ctatagagca agaaaaacga 420
gaaggctgcc ctcaagggtg tgcaggagga gtaccggaag ctggggccct tgccttcgc 480
ggagatcaac gtgctgatct gcttcttcct gctgggtcatc ctgtggttct cccgagaccc 540
cggcttcatg cccggtcggc tgactgttgc ctgggtggag ggtgagacaa agtatgtctc 600
cgatgccact gtggccatct ttgtggccac cctgctattc attgtgcctt cacagaagcc 660
caagtttaac ttccgcagcc agactgagga agaaaggaaa actccatttt atccccctcc 720
cctgctggat tggaaggtaa cccaggagaa agtgccctgg ggcacgtgc tgctactagg 780
gggcggattt gctctggcta aaggatccga ggccctcggg ctgtccgtgt ggatggggaa 840
gcagatggag cccttgacg cagtgcctcc ggcagccatc accttgatct tgccttgct 900
cggtgcctgt ttactgagt gcacaagcaa cgtggccacc accacctgt tctgccccat 960
ctttgcctcc atgtctcgt ccatcggcct caatccgtg tacatcatgc tgccctgtac 1020
cctgagtgcc tctttgcct tcatgttgcc tgtggccacc cctccaaatg ccatcgtgtt 1080
cacctatggg cacctcaagg ttgctgacat ggtaacacag ctgtttttat ttactccgt 1140
cggactataa cgctgttgtc ataagggatg ccccatttat gaatgacaga gtttcaaac 1200
gatgtcatgt gact 1214
```

```
<210> 1398
<211> 415
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(417)
<223> similar to gi2632092 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1398
gggcggcttt ggcgcagctg ttgaatcctt ccatcatgaa gatgtgctgt tgtttgcagc 60
cctgatggcc catgagctcg ggcacaacct ggggtattcag cagcaccact cggcctgctt 120
ttgtaaagat aagcactttt gcctcatgca tgaaaatata acaaaagaaa gtggcttcag 180
cagctgcagc tctgactact tctaccagtt ccttcgagaa cacaaagggg cctgcctatt 240
taacaagcca cggcccaggg gccgcaagcg tagggattct gcctgtggaa atggtgtggt 300
ggaggacacg gatcagtgtg actgtggttc tctatgtcag catcatgcat gctgtgatga 360
aaactgtata ctgaaggcga aagcatagtg caatgatggt ccatgttgctc ataag 415
```

```
<210> 1399
<211> 1009
<212> DNA
<213> Homo sapiens
```

```
<220>
```

<221> misc\_feature  
 <222> (3)...(1012)  
 <223> similar to gi2224587 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1399  
 cagaactgca ggatgaaatc cactacccgc cctaactgca ttgcatcttt ctgggagccc 60  
 agggcttctt ccttgactgc ctggcctgga gcacgtcagc ccatctggtg cccagggcgc 120  
 caggctcact gatgatcagt ggctgactg aagcctttgt catggctcag agccgggtag 180  
 aagagctggc agagcggctg agctgggact tcacgccagg accatcttcc ggagcctctc 240  
 agtgactagg agtgctgaga gacttctctg ccctgctgca gtccccgggg gatgccata 300  
 gagaggctct gttgcagttg cccctggctg tccaggagga gctgctgagt ctggtgcagg 360  
 aggcgtctag tgggcagggg ccaggagcac tggcttcttg ggaggggcgg agctcagcct 420  
 tgctgggtgc tcagtgccaa ggagtgcagg ctccccctag tgacggcagg gagtccccgg 480  
 acactggatc tatgggaccc ggagattgca ggggagcaag gggagacact tacgctgtgg 540  
 agaaggaggg agggacacag ggtggtccca gggagatgga tttggggtgg aaggagttgc 600  
 ctgggggaaga ggcgtgggag agagaagtgg ccctcaggcc acagtcagtg ggtggagggg 660  
 caaggagagc agcacccttg aaagggaagg ccctggggaa ggaggagata gctctgggag 720  
 gagggagggt ctgtgtccac cgtgagcctc ccggtgccca tggctcctgt cacagggcag 780  
 ctcagtcccc aggagcctcc ctccctccagc ggctccacaa tgggaatgcc tctcctccga 840  
 ggggtgccag ccctccacct gcaccggaac ccccatggca ctgtggagac cggggtgact 900  
 gcggagaccg gggagacgtg ggggacaggg gagacaagca gcagggcatg gcacggggtc 960  
 gggggcctca atggaaacga ggcgcccag ggggcaactt ggtgactgg 1009

<210> 1400  
 <211> 1803  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (38)...(1805)  
 <223> similar to gi495257 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1400  
 ctcaagggggc acctggagca tcccctgtgc ccacctggga gctgggagcc tctgtggctc 60  
 caggaacccc cagaagctgg gtgccacag accttcacct tgacctgca gcgcccttga 120  
 gtgtgcacag cccattgtct gcaggttctc ggcaccagaa gttcctgctg aagtggccaa 180  
 ggtcttggcc agtggaact ggaccccaga gtctccatcc ccagcctgcc agtgtagcca 240  
 gcccggtgcc cggcgccctg tgcccgaact cccggtgca gctggtggtc cccctccgcc 300  
 ccaggcagtg accggctctg gggaagtggg tcagaacctg acaggccgga acctgtctga 360  
 cttcctgggtc aagacctacc cgcgcctggt tcgccagggc ctgaagacta agaagtgggt 420  
 gaatgaggtc aggtacggag gcttctcgct ggggggcccga gaccaggcc tgccctcggg 480  
 ccaagagttg ggccgctcag tggaggagtt gtgggcgctg ctgagtcctc tgccctggcg 540  
 ggccctcgac cgtgtcctga aaaacctcac agcctgggct cacagcctgg atgctcagga 600  
 cagtctcaag atctggttca acaacaaagg ctggcactcc atggtggcct ttgtcaaccg 660





<220>  
 <221> misc\_feature  
 <222> (26)...(192)  
 <223> similar to gi2244972 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1402  
 attttctcgt tatagaattt ttttcccccc gcagatatat cgagattttt cccccccccc 60  
 cccctaaaca tttttttttt cccccagccc caaaaatttt ttgggggggg ggggcccaca 120  
 atttcccccc ccccaaaaaa aggttttttc caaaaaacc cccggggggt tttttttccc 180  
 cccctaaaaa aaaaaa 196

<210> 1403  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (171)...(371)  
 <223> similar to gi2065210 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1403  
 ccaacattca gtaaaaaatt actggaaaca gagaaatata aattatggcc cataattagg 60  
 aaaaaagggt aatcattaga agtagaacca gaagtgcagc atatgaagaa attagcagct 120  
 tgaattatgt gatgtggcag atcttatgta ttggaggtag ggggaaagaa gatgcagtgt 180  
 ggaatagatg acaaggccca atgagagaat cacagtgcag gtccctgggg ccctgaagga 240  
 aggtggttct aaccacagga gaggatcata tgctttttga aaaacagcct ctgctgtgct 300  
 actgggccct ggtagacacg gaacgttgag acccagtgat gctgtatcca gaactgctca 360  
 tcttaactag g 371

<210> 1404  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (42)...(329)  
 <223> similar to gi244774 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 1404
caaaaagcac atgaccccta aaatgcagaa gagaacaagg acccagaatg gccaaaacaa      60
tcttgaaaaa gaatgtaaga aaattgacat ttcctgattt caaaacttac tacaaagcca      120
cagtaattac tacagtgtgg tactggtaca aggacagtca tagaaatcaa tggaatagaa      180
ttgagattcc agaaataaac ccacacgtct tctgtccact gattttccac aaaagtacca      240
agaccattca atggagaaaa aagagtcctt tcaacaaata gtgctgggaa aattggatag      300
ccacgtacaa aagaacgatg ttagatgtta gatgcttacg gacgcgtggg      350

```

```

<210> 1405
<211> 430
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (149)...(282)
<223> similar to gi4079809 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1405
cctgtgcact tcagcttggg agagcttggg ttggaggaac ttgctcttca tgcattgatgg      60
aaatcattct gctttgtgtc taagaaagtt tgtgttgatt ggatgatgga gtgaagctaa      120
ccccgagatt cactttcctc cccagaccg aggggtggtcc gactggtcca gctagctacg      180
tatcccgggg gatgagttaa aatggaagtt catcagcgac gggcctgtga acggctgggg      240
ctggtgcttc accatctatc ccatcatgcc agctgctggt aaggaggagg cttatggcaa      300
tcaaagttag atgactggct gtggattggt tctggagtaa catggacatg tgcacatttc      360
catgtagtgc ctgacggcct gccttctgct gtgttgcggt gaatgctcca cgaaatcgtc      420
gacccgggaa                                     430

```

```

<210> 1406
<211> 427
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (71)...(414)
<223> similar to gi5053128 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

001210" 5228450

```
<400> 1406
cagacgaagg tgttccactc attttcacca ctccgtttta tcgtccgtct aaactctggt    60
ttttgcagac ctgtctcctg cgtcccttta cacgtgttcc tttccggagc ttccagggga    120
cccggagcat aagaattcaa accgagaccc tcagtcccag cccccgcccc cgcccgttcc    180
tccatacact caaccgctgg gactagaagc tcccggcagt ccttccagca agaggcaccg    240
agtctgggcg tgaccgagcc agtcccgccg aggtctcagg ccacaaatcc acacgcgtcc    300
tcccaccctc cccggggcccg ggtgtggtcg cggaccgcta atggcgcgga gcccacctcg    360
taaagcgctt gtaccatctc caccagaacc cactgctccg tggcggtcgc catagttagc    420
cacgaaa                                           427
```

```
<210> 1407
<211> 435
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (6)...(327)
<223> similar to gi388625 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 1407
gtcacaggag cggcggtggc gggcggatcc gagcacctct cggcctgacc ccagagccta    60
gctctcaccg cggcgagggg ctccacccc gactcaccgc ggaatgggga gcgccaggct    120
gaaccaaata ctgtgtcac cctccgtgac aaacccctca aggcaactca ggcctctgaa    180
agccttccta ccccccgct ctccgctcag gtcccccactc aaccggtgcc caccgcctg    240
gcgcgcgtcg ctccgcgatt accggcccg caaacagtcc ccgcaaagtc caccctccgg    300
ggctcccggg cctcagggtc ccgcgtgccc ggccctgggc atccgcagcg tccccgtggt    360
atcggacccc catcgtccct gacacctggc gtctccgccc cccgcccccg acgaaatcgt    420
cgaccgggga attcc                                           435
```

```
<210> 1408
<211> 702
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (171)...(306)
<223> similar to gi3127051 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```



<400>	1410						
aatacagggg	gctggggtgg	gtgcaggcac	cggtgtatga	gcaaaggcgg	ggatgagggg		60
gggggtagaa	ggtgggccgg	aagatggggg	tggagtgggc	atgggcacag	acggaggggc		120
aggggccgct	ggaggcgtgg	atgctggcat	gggagccaga	accggagtgg	ggacggggagc		180
gagaaccaag	gtcggagctg	aagggggcac	aggagcctgg	atgagagcca	agggaggagc		240
tgaaactggg	actgaaagcg	gggcaggagc	tggagccgac	aagggaaaccg	ggcctgaagg		300
gggagcagaa	gctggcacag	gcaccaagac	tgaggccgaa	acagaaaggg	ggttcgagtc		360
agagatgagc	gtgggcaactg	acggtggcgc	tggagccaga	gccgggacag	gtgctaaggg		420
aggggaagga	gctggaaccg	aagtggcaac	ttggactgga	acaagccctg	aatgggggac		480
tggggcaggg	acggagaggg	gaacctggaa	tgcattctga	acagagtggg	gcacagaggc		540
cgaaccggga	gcaggggggac	agataggggc	tggcagagga	ctgaagttag	tggttaaccag		600
gggcagggtc	ccctccacag	ggactccagt	tcccagagtt	gccaaaatga	aagtattctt		660
ctctccaaca	ccttgccgag	agtccaaagc	ctttactccg	gcgggtgagc	agtcaacctg		720
tttgctcatt	tgggtgttga	gtggagtcca	ggagcagtcg	gccttgcctg	tgctggcctc		780
ggcgctgtca	gatgcgggaa	gcttgagccc	gtctcctggg	ctgctcaggg	gcaccaagag		840
gccctcagcc	tctgccaagt	tcccagcgta	gtccattttt	ggctggggat	cgtcaggctt		900
gtcttctgac	tgtgtcccaa	gtttttctgt	agcactgcca	tctgggtctg	ccccccgggc		960
attgctgcc	cttccaactg	ccgtgagctc	caccttggaa	aaactgctgc	tgacacaaaa		1020
ctcctgagat	ccaaagtgct	ggcagtcgcc	tgtcgttgac	tctcatcag	aaagaggtgc		1080
tcttctctcc	tcgttgatgc	cacacatgcg	aatccggtca	gaactggtcc	agttgtgcac		1140
gccgctgtag	agcggtgctg	tagagatcat	gacagccact	caccaccaga	taggacctgc		1200
tgtggccact	ccccctcctt	ctcctctctc	tcgggcgcg	cggcggtcgg	actctaggaa		1260
ctgagaggaa	gaaggggagg	ctcagcaaag	cggaggagag	acagacgaaa			1310

```
<210> 1411
<211> 398
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (13)...(336)
<223> similar to gill136434 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 1411						
cggcgcgtg	ggaaaat	caagaacact	tcatttatta	aggggaatgtt	taattctgcc	60
ttggaagcgg	ccaaatttga	agatgctgtg	attcgaactg	tcagtgggat	aagggggcag	120
atcaagagag	cactctgagc	tccagaagga	gctttccagg	atagctttga	ggataagctg	180
cggatgagcg	gtgagtgtct	taagtagtgt	tcagggcagg	gtgttaccat	tcatgcttga	240
cttctagcca	gtgtgacgag	aggctggagt	caggtctcca	gagagttgag	cagctccagc	300
cttagatctc	ccagtcttat	gcagtgtgcc	catttgctt	gagtctgcag	tccctggcc	360
acaccagta	acagttcttt	gatctatgag	aatagttt			398

<210> 1412  
 <211> 646  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (461)...(639)  
 <223> similar to gill196425 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1412  
 gggacttggt ttgggttaag aaatggtacc caaccacact agggcccata tgggatgggc 60  
 ccacactgta atcttgtcta ctcccactgc tgttaaagtt gcaggatatca caccttggat 120  
 tcatcacaga cgactgaagc tggctgcgca ggaccagtga accagtcaac aagactcaga 180  
 ccatccaaca tgactaatcc tgtggcaaaa ccacgacacc actgagaaaag tcaaccaccc 240  
 tgctgtgata actctggagg ctggctcagtc tacgcacaac tgaagcttga gaagtcaaac 300  
 cctgctgtag tcacacactg gaagctgact agtctacgca tggccaaaagc ttgaggagtc 360  
 ttcactacat taggaaaggt ggatagaact tataagccta ccaatgagct tagtaatact 420  
 gattatctta ttattatggc actgtttttg ttcaggaaaa ggcctatatt ggatctgtgg 480  
 agcacaggca tatcagcaac tgccagctaa atggacaaga gcatgtgtat taggaacaat 540  
 caagccatcc ttctttttta ttctctctaaa gcaaggggaa ctcttaggat aaccagtcta 600  
 taatgagaat aaaagaacta aaaggagcat gatctcaaaa aaaaaa 646

<210> 1413  
 <211> 368  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(369)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (178)...(366)  
 <223> similar to gi804810 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1413  
 atagctgnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnac acaataccta 180  
 accaaggagt tgaaagacct ctacaacaaa aactacaaaa cactgctgaa agaaatcata 240  
 gatgacacaa acaaataaaa acacatccca tactcatgga tgggcagAAC caataatgtc 300





```

<400> 1415
tttcgtcgcg ccgcgcaagg cactggccttg aagggtgattt aacggaaggt attcctcgac    60
gattcgcaaa atgaagcgga catccgtgtg caattttaatc gcgcaattga cctggcgcgt    120
cgcaacgggtt cgaccattgc cattgggcat cctcaccctg caacgggtacg cgtgttgcaa    180
cagatgggttt ataacctgcc gccagacatt acgctgggtga aagccagcag cttgctgaat    240
gaaccgcagg ttgatacttc tacaccgacg aaaaacgctg tgcctgatgc accgcgtaat    300
ccgttccgtg gcgtgaagct gtgcaaaccg aagaaaccga tagaacctgt ttatgctaata    360
cgcttcctttg aagta                                         375

```

```

<210> 1416
<211> 942
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(943)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(942)
<223> similar to gi4519621 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1416
gagcggccgc catggccacc accccgctgc tgggcctcag ccccttgtcc aggetgccca    60
tccccacca ggccccggga gagatgactc agctgccagt gatcaaagca gagcctctgg    120
aggtgaacca gttcctcaaa gtgacaccgg aggacctggt gcagatgcct ccgacgcccc    180
ccagcagcca tggcagtgac agcgacggct cccagagtcc ccgctctctg cccccctcca    240
gccctgtcag gcccatggcg cgctcctcca cggccatctc caccttccca ctctcactg    300
cccctcacia attacagggg acatcagggc cactgctcct gacagaggag gagaagcgga    360
ccctgattgc tgagggctac cccatcccc aaaaactccc cctcaccaaa gccgaggaga    420
aggccttgaa gagagtccgg aggaaaatca agaacaagat ctgagcccag gagagccgtc    480
gtaagaagaa ggagtatgtg gagtgtctat aaaagaaggt ggagacattt acatctgaga    540
acaatgaact gtggaagaag gtggagaccc tggagaatgc caacaggacc ctgctccagc    600
agctgcagaa actccagact ctggtcacca acaagatctc cagaccttac aagatggccg    660
ccacccagac tgggacctgc ctcatggtgg cagccttgtg ctttgttctg gtgctgggct    720
ccctcgtgcc ctgccttccc gagttctcct cgggctccca gactgtgaag gaagaccccc    780
tggccgcaga cggcgtctac acggccagcc agatgccctc ccgaagcctc ctattctacg    840
atgacggggc aggccttatg gaagatggcc gcagcaccct gctgcccatt gagccccag    900
atggctggga aatcaacccc ggggggncgg cagagcagcg gc                                         942

```

```

<210> 1417
<211> 851

```

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (131)...(682)  
 <223> similar to gi2801701 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1417  
 cccgggtcga cgatttcgtc taagtacctg gccgagctct gtggcggttg cgctgtgctc 60  
 cccggcacct gaggaggaag cccaggggcc gcgtttccca ccggcgtgaa gctgctgtcc 120  
 tacctctacc aggaggtctc gcacaactgc agcaacgagc actaccctgt actgctgtcc 180  
 ctgctgaaga cacagctgcg agccctacac ccggttcac cagactggg tgtacagcgg 240  
 ggagttcaaa gacccttatg gcgagttcat gattcaagtg aaccaccagt acctcagctt 300  
 ccgagataag tcgtactgga cacatggcta cgtgctcatc tccaaagagg tggaggactg 360  
 tgttcccgtg tttctgaagc acattgccca cgacatatac gtctgcggaa agaccattaa 420  
 cctgctgaag ctctgctgcc cccggcatta cctctgttgg tccgacgtcc ctgtcccccg 480  
 gatctcgggtg attttctccc ttgaggagtt gaaggagatt gagaaggact gtgccgtcta 540  
 cggtgggccc atggagaggg tggcccgcca cagctctgtc agcaaggagg agaaggaatt 600  
 acgtatggaa attgcaaaac aagaattaat cgctcatgcc cgggaagcag catccagggt 660  
 cctgagtga ctgagtgaac ggcagatgtc agaacggatg gccttgatg cccggaagcg 720  
 tgagcagttt cagaggctga aagaacaatt tgtgaaggac caggagcgac gccgggccc 780  
 caggcaggag aagctggatg atgacttcag ctacgcccggt gaactccgag acagggagag 840  
 aaggctgaag t 851

<210> 1418  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (8)...(403)  
 <223> similar to gil665805 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1418  
 ggatcttctt ccagcccttc ctctctctcc tctctctcca catcccgcat acagtctgcc 60  
 gccaaattct cgatgtgggc catgggcagg ggggcctgcc ccttggtgctc tggcttcttg 120  
 cctgtggttt gtgcttcccc tgtgagagcc agcagctcag cctccaggctc ctcatcatct 180  
 tcagcctcat ccatgcccag cagcatgtcc tcagggccaa actccataaa gagccccatc 240  
 tgcttggcag cggccacccc ttggcctctg gcctgagggc ctttccgagg tcttggccct 300  
 ggcacatgag cagcctagat acctcgcggt gaatccgagc caaaccgccg ccttgtctca 360  
 cccggcaacg ccatgggctc ccgcccggcc tgggcccagc acgaaatcgt cgaccgggta 420  
 actcgaaacc ggta 434

<210> 1419  
<211> 808  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (435)...(793)  
<223> similar to gil517818 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1419  
tttcgtcagg tgttggggaa attgcacagg gacacccact tagagccaca cagaatgagc 60  
ggcgctcgatc tagatgctta tggaggaagg tctgagcttc cccgcccctc acaccttagg 120  
ctgcgaaata tgtattcata aaacctccag gcatcttctg aggacgcctc acgcaggaga 180  
aagctgctag ttccctctgg ctctcttgcc ctttgatat atctgcccct gccgggggca 240  
gggatgtggg gcttgggggc atctcctgtg gtgtgcctgg ggtgtgcagc ccctgattgt 300  
cattgtggtg cccatcagga ccctggacag aagaaggag gactcagtgc cagggcaata 360  
gggaggcccc ccagggacgc tagtgctgtg acatgtgtcg gaaaggcgca gtcagcagca 420  
gcggctgggt gtgtttggtg ggaggtggca cctaccaccc cgtgggtccc actcagggga 480  
gccaaagtcc cttctttggc ttagtcctg ccgaggggtc ctccctcagtt ttgagtctca 540  
aggtgaagac gcggtttgtg ggtggctgag gggttgctcc atgggggggg ctccctccct 600  
cccttccttc cttccttcct tccttccttc cttagatgga cgaggtgggt cgcacccctc 660  
gtaacctgtg cagtgtggtt tctggagggg tggctctgtt cttcccctcc tacgagtacc 720  
tgccgcaagg ccatgcccac tgggagaagg gtggcctgct gggccgtctg gctgccagga 780  
agaaggtgag tggcctgtcg gcagcctt 808

<210> 1420  
<211> 616  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (11)...(561)  
<223> similar to gi2887443 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1420  
acgatttcgt gtggaccaag atgctggtac agagccccac acaagtgaag atgaatgtga 60  
gccaatagaa gcaatagcca agtttgacta tgttgggcgg tccgccagag aactatcctt 120  
caagaagggg gcctccctgc tgctgtatca ccgtgcatct gaggactggt gggaaggcag 180  
gcacaacggg attgacgggc tgggtgcctca ccagtatata gtggtgcagg atatggatga 240

tacgttttca	gacactctga	gccaaaaagc	cgacagtgag	gccagcagtg	ggccagtcac	300
ggaagacaag	tcctcatcca	aggacatgaa	ctccccgaca	gaccgtcatc	ctgacggcta	360
tttagccagg	caacgaaaaa	gaggagagcc	acccccctcca	gtaaggcgtc	ctggcaggac	420
cagtgatggc	cattgcccgc	tccaccgtcc	acatgtcctt	tctaactctc	agttgaccta	480
gggtcccaag	ccttgctagt	gacccccggg	cctgctgcag	aaccgtggcc	tcaacaatga	540
cagtcctgag	cggaggcgca	ggcttggcaa	tgcagcttac	acatagcgac	gctcgtagag	600
atgcagcttc	attgag					616

<210> 1421  
 <211> 782  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(783)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (228)...(674)  
 <223> similar to gi663247 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1421	
ccacgggtggt	cnccgccagc aggaaggcct tcagtgggac caggtccctg agagagtgct 60
gcatctcgta	actgcagggg atgacctcag cccagggcctt gtgggcagtg ctgaagagga 120
cagtccttg	ggacgggcag agccggggat ctatacgag cctcaacttg gccagctctt 180
ctgcagaggc	cctcggcac tgcagatgg tcgaaggccc cgagatgaca gacagctccg 240
actctcctga	ctcctccacc tcagactcca gagacccttc gacctcttca gtaacctctt 300
caacaatgtc	ttcgatgacg tcttccacga cctcttcagg agattcctca actaataatt 360
ctaagctggg	agagggcctt acgatctcgg ccaggacgcc cgcggactca ttcatttcgc 420
cttcttcac	tttcacaaaa tcataggtca cgtaatagtt gtaagtgatg aaagggcctt 480
cgggcccggg	ttccgggtct aagacagagg tgtccaggac tcctctgatg tttccgatgg 540
tcaccacaaa	ctgcgcctcc tgtgccaaga gatcgccatt gaggctgagc ccccggaaga 600
gatgcttctc	attgggagac acgggtgatgt cgtccagcac gcagagctgg gccaggctgt 660
cgatggtag	gccgcggtag tagggcacca aggccagtggt gtttcccccac agcaccagga 720
gtcgcagggt	tcggagggtc aaaggaaatg ccagctggca ggtctgtcag gtcgttcggc 780
gc	
	782

<210> 1422  
 <211> 414  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (19)...(388)  
 <223> similar to gil90508 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1422  
 ctccaggata ctcagctacc ttgtggagtc aggcctgcc a gctgccaa ggcctaacca 60  
 ggtagcttcc caacagagcc cctccctct cttcaccgga gcaggccagg actcccgcc 120  
 acttccttga ccagtccagg aaaggatcag ggtttgcaa gaggactggc ttcctgccct 180  
 gtccggccct gccccagccc agcacgtcac ttcagccagg cgcaggcccc gcctccagct 240  
 ggctctgcct ccgccagccc cgcgccaggc tctgacaagt ctagcttcgg tccccgccgg 300  
 cctcctgccc caggacagct tggaaacggc ccgatcagg ggggcttcct cttgaaattt 360  
 gggccccacc ctgggaagca gccgccctta aactgacgtc agatctggtg agag 414

<210> 1423  
 <211> 2693  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2520)  
 <223> similar to gi2439517 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1423  
 cagagcaggc cgagagccga tcagcggatc accgagtctc gccagggtgt ggagctggca 60  
 gtgaaggagc acaaggctga gattctcgct ctgcagcagg ctctcaaaga gcagaagctg 120  
 aaggccgaga gcctctctga caagctcaat gacctggaga agaagcatgc tatgcttgaa 180  
 atgaatgccc gaagcttaca gcagaagctg gagactgaac gagagctcaa acagaggctt 240  
 ctggaagagc aagccaaatt acagcagcag atggacctgc agaaaaatca cttttccgt 300  
 ctgactcaag gactgcaaga agctctagat cgggctgata tactgaagac agaaagaagt 360  
 gacttgaggt atcagctgga aaacattcag gttctctatt ctcatgaaaa ggtgaaaatg 420  
 gaaggcacta tttctcaaca aacaaactc attgattttc tgcaagccaa aatggaccaa 480  
 cctgctaaaa agaaaaaggt tcctctgcag tacaatgagc tgaagctggc cctggagaag 540  
 gagaaagctc gctgtgcaga gctagaggaa gcccttcaga agaccgcgat cgagctccgg 600  
 tccgcccggg aggaagctgc ccaccgcaa gcaacggacc acccacacc atccacgcca 660  
 gccaccgcga ggcagcagat cgccatgtct gccatcgtgc ggtcgccaga gcaccagccc 720  
 agtgccatga gcctgctggc ccgccatcc agccgcagaa aggagtcttc aactccagag 780  
 gaatttagtc ggcgtcttaa ggaacgcagc caccacaata ttctcaccg attcaacgta 840  
 ggactgaaca tgcgagccac aaagtgtgct gtgtgtctgg ataccgtgca ctttgacgc 900  
 caggcatcca aatgtctcga atgtcagggt atgtgtcacc ccaagtgtc cacgtgcttg 960  
 ccagccacct gcggcttgcc tgctgaatat gtcacacact tcaccgaggc cttctgccgt 1020  
 gacaaaatga actccccagg tctccagacc aaggagccca gcagcagctt gcacctggaa 1080  
 ggggtggatga aggtgcccag gaataacaaa cgaggacagc aaggctggga caggaagtac 1140  
 attgtcctgg agggatcaaa agtcctcatt tatgacaatg aagccagaga agctggacag 1200  
 aggcgggtgg aagaatttga gctgtgcctt cccgacgggg atgtatctat tcattggtgcc 1260

```

gttgggtgctt ccgaactcgc aaatacagcc aaagcagatg tcccatacat actgaagatg 1320
gaatctcacc cgcacaccac ctgctggccc gggagaaccc tctacttgct agctcccagc 1380
ttccctgaca aacagcgctg ggtcaccgcc ttagaatcag ttgtcgcagg tgggagagtt 1440
tctagggaaa aagcagaagc tgatgctaaa ctgcttgaaa actccctgct gaaactggaa 1500
ggtgatgacc gtctagacat gaactgcacg ctgcccttca gtgaccagggt ggtgttggtg 1560
ggcaccgagg aagggtctta cgccctgaat gtcttgaaaa actccctaac ccatgtccca 1620
ggaattggag cagtcttcca aatttatatt atcaaggacc tggagaagct actcatgata 1680
gcaggagaag agcgggcaact gtgtcttggt gacgtgaaga aagtgaacaa gtccctggcc 1740
cagtcccacc tgcctgcccga gcccgacatc tcacccaaca tttttgaagc tgtcaagggc 1800
tgccacttgt ttggggcagg caagattgag aacgggctct gcatctgtgc agccatgccc 1860
agcaaagtgc tcattctccg ctacaacgaa aacctcagca aatactgcat ccggaaagag 1920
atagagacct cagagccctg cagctgtatc cacttcacca attacagtat cctcattgga 1980
accaataaat tctacgaaat cgacatgaag cagtacacgc tcgaggaatt cctggataag 2040
aatgaccatt ccttggcacc tgctgtgttt gccgcctctt ccaacagctt cctgtctca 2100
atcgtgcagg tgaacagcgc agggcagcga gaggagtact tgctgtgttt ccacgaattt 2160
ggagtgttcg tggattctta cggaagacgt agccgcacag acgatctcaa gtggagtcgc 2220
ttacctttgg cctttgccta cagagaaccc tatctgtttg tgaccactt caactcactc 2280
gaagtaattg agatccaggc acgctcctca gcagggaccc ctgcccagagc gtacctggac 2340
atcccgaacc cgcgctacct gggccctgcc atttctcag gacgcattta cttggcgctc 2400
tcataccagg ataaattaag ggtcatttgc tgcaaggga acctcgtgaa ggagtccggc 2460
actgaacacc accggggccc gtccacctcc cgcaggtaac cagcttctcc tcttctcag 2520
taccaggggc aacgtgcttt tctgcaaggc agaaggaagt gatactaaac cagtagaatg 2580
tttcccaatc ttcactttgt tcttaagctc aaaccattca ttgtgttgcg atctgcggca 2640
ctgaaataac acagaccatt atgagcatca ggagaattag aaaataccac ctt 2693

```

<210> 1424

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(754)

<223> similar to gi2982501 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1424

```

agcaaagcag gagctggcca agctgatgcg gattgaggac ccctccctcc tgaacagcag 60
agtcttgctg caccacgcca aagctggcac catcattgcc cgccagggag accaggacgt 120
gagcctgcac ttcgtgctct ggggctgcct gcacgtgtac cagcgcatga tcgacaaggc 180
ggaggacgtg tgcgtgttcg tagcgcagcc cggggaactg gtggggcagc tggcgggtgct 240
cactggcgaa cctctcatct tcacactcgc agcccaacgc gactgcacct tcttgcggat 300
ctccaagtcc gacttctatg agatcatgcg gcacagccc agtgtggtgc tgagtgcggc 360
gcacacgggtg gcagccagga tgtcgccctt cgtgcgccag atggacttcg ccatcgactg 420
gactgcagtg gaggcgggac gcgcgctgta cagggtgcagc tcccaccgcg ctgctcaggc 480
ccggcctagg ggtggggacc tgggggtggt cagaccttgc tgacctccac gccactcag 540
gcagggcgac cgctccgact gcacttacat cgtgctcaat gggcggctgc gtagcgtgat 600
ccagcgaggc agtggaaga aggagctggt gggcgagtac ggccgcggcg acctcatcgg 660
cgtggtgagc gcgaccccca cccactgacc tctggccttt tccaggccag tcctcggca 720
actcacacgc atcatcccgg gtaatccagg gagtggtgaa gtttttcccg gggctc 776

```

09460725.042100

<210> 1425  
<211> 569  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (3)...(506)  
<223> similar to gi60394 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1425  
ctgaatctgg gcagaaagcc gatgccaatt tctgagactt tcctgaacct aaggcaacag 60  
ttgaggagga ggacgccaag acagcctctc aggaggagac aggccagagg aaagagtgca 120  
gcaactgaacc caaggagaag gctactgatg aagaggccaa ggctgaatcg cagaaggctg 180  
ttgtggagga tgaggctaag gctgaaccca aggagcccga tgggaaagag gaggccaaac 240  
atggtgcaaa agaggaggct gatgcaaaaag aggaggcgga ggatgcagag gaggcagagc 300  
caggcagtc cagcgaagag caggagcagg acgtggaaaa agagccagag ggaggggagc 360  
gggtgattcc cagctcccca gaggagtggc ctgagagccc cactggggag gggcacaacc 420  
tcagcacaga tgggctgggg ccagactgtg tagcttctctg acagaccagt ccttcaggca 480  
gtgagtcttt acccagggga cgtgccccag agttccccct gagccccctt cctttagggg 540  
agaaggaaag agaaggcccc gagcgccgg 569

<210> 1426  
<211> 722  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (311)...(592)  
<223> similar to gil769972 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1426  
caagcagccc ctggagagat gccatgtact tccttccaga ctttttttcc atacgtagct 60  
cagttcatgc ccatgccacc tcccaccaca cacactaagg cagcggccac agggctgata 120  
aacagccctt tctgcagagc agtgcctggg cccctcctg tatcatcagt ggctctgtcc 180  
accttctctg ccgaggctct ggggtcaatg cagtgccaac acgccatcca tgaccaatgc 240  
gagcaacctc actgctgtcc acaaatgctc ctgtgccaa ccttgggcac aacgatgacc 300  
aaactctgct ggctctgaca tgcctgtgga tccatggcat caccaaaaac atcctgactt 360  
ccttctctct gagcatggga tggaggcaaa ggctgagca gcctcccgtg ggtcaccac 420





ttctgtatgg	agaagaagaa	gataaattat	tcatgcaa	tccttggagt	atatgataaa	300
ggaagctttt	gtggatatgt	ctgtgcactc	agagtggagc	gcttctgctg	tgcagtgttt	360
gctaaagagc	ctgattcctg	gcatgtgaaa	gataaccgtg	tgatgcagtt	gaccaggaag	420
gaatggatcc	agttcatggt	ggaggctgaa	ccaaaatttt	ccagttcata	tgaagagggtg	480
atctctcaaa	taaatacgtc	attacctgct	ccccacagtt	ggcctctttt	ggaatggcaa	540
cggcagagac	atcactgtcc	agggtctatca	ggaaggataa	cgtatactcc	agaaaacctt	600
tgcagaaaac	tgttcttaca	acatgaagga	cttaagcaat	taatatgtga	agaaatggac	660
tctgtcagaa	agggtctact	gatcttctct	aggagctggt	ctgtggatct	gggcttgcaa	720
gagaaccaca	aagtcctctg	tgatgctctt	ctgat			755

<210> 1429  
 <211> 577  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (6)...(577)  
 <223> similar to gi286019 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1429	
ctctctccag	tccctggcaac aggtcccact ttgtctatgg gattgcttgt gacaacggct 60
gggtctggga	cctcaagttc tgccccagtg gagcatggga acttccaggc acccctcgga 120
agggtacttcc	cagtcaactg tgggatggcc ctaggactca aagccaggac aaagaggccc 180
tgggaatttct	tagagttgaa ggaacgaagg ttggagtgtg gtggatggag ttttccagc 240
aacttcatac	agtatttcag ggactagaac ctcaaagggt ttctgtgagt cagctgaagg 300
cagcaagcct	cagcatacct tttacccttt aggtcctct cctgccccgg ttgggtctct 360
tggtctctggc	ctgctcagac gggaaagtac tgctattcat tctaccccat ccggaggccc 420
tgctggctca	tcaaccccca ggtgagtagc acagcaagga gaatggggct gctgtagtgg 480
tggtcacagc	atagcagggc ctgtctgtct tcctggaaac tcctctgggc cagtctctct 540
tagcacaag	ccttactcag ccacacacac accctgg 577

<210> 1430  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (257)...(424)  
 <223> similar to gi5869934 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 1430
aacaatattg tgaaacattt tcataaacct gaaaaagagg tatttatggg ctataaaaact 60
tagtatagtg ggacttttaa agatgctttt atatgtgata cacgaggcaa tatgggggtgc 120
ttgaattttc atttgtaagc tttctggtag ctgtaaaaaac atgcttcata tagctacctt 180
cagcacttgc ttctctagtg ttttcttag acatagatgc aggagatttt tctttggcac 240
tgtgtgttat gccccacaga gaggaagcct caccgtgttg ctgtgtggag aaaatggcct 300
ggttgacagc cttgagcaag ttttccacca tgggttcaaa tctgcccga tctttcacia 360
gaatgtcttc atctgggact tcatagagaa agtggttgct tatttttgaa acactgacca 420
gattctagat aatg 434

```

```

<210> 1431
<211> 485
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(486)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (9)...(338)
<223> similar to gi5353595 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1431
ccgctggaac atcaggtact ggggacactg gccctggtaa cacagcagtc tcaggcacac 60
ctgtggtatc acctggagca actcctggag ctccaggtag cagcaccctt ggggaagcag 120
acattggaaa caccagtttt ggaaaatcag ggaccccaac agtatctgct gcctcaacta 180
ccagtagccc tgtgagtaaa cacaccgatg cagcctcagc cacagcagtg acaatctctg 240
gaagcaaacc aggtacacct ggaacaccag gtggtgcaac tagtggaggc aaaattacac 300
ctggaattgc atgacccacc ctggaccaa agagcccctg cttctccggg tatggagggt 360
atttcctgt aaatcctcac cagaacccat gtgctgattc cctgtaatct tcccacaata 420
aatttttagc agctctgnnn nnnnnnnnn nggggcgccc gttttaaggg acccaccttt 480
actcg 485

```

```

<210> 1432
<211> 545
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(548)

```

<223> similar to gi2723316 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1432

aaaaaaaaag	gaaaattcat	actagagaga	aaccctacaa	atataaagaa	tgtggcaaat	60
cttttaaccg	gtcttcaacc	tttactaaac	ataaggtaat	tcatactgga	gtaaaaactct	120
acaaatgtga	agaatgtggc	aaatcctttt	tctggctctc	agccctaacc	agacataaga	180
aaattcatac	tggacagcaa	ccctacaaac	aggaaaaatt	tggcaaagcc	tttaaccagt	240
tttcacacct	tactacagat	aagataaact	atattggaga	gaaatcttac	aagtgtgaat	300
aatgtggtaa	agtctataaa	aagtcctgaa	ttcttaacag	acataatatt	attcatactg	360
gagagaaact	ctacaaacct	gaaagatgtg	ccaacgcttt	tgacaagtca	aacttttcta	420
aacatcaaga	aaatcatgct	gctgagaaat	cctagaaatg	tgaagaatgt	gacaaagcct	480
ctaaatgatt	gtcacacttg	atcgtaggta	agataattca	tactggagaa	aactaccagt	540
gtgaa						545

<210> 1433

<211> 442

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (44)...(267)

<223> similar to gil335205 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1433

ggccatagat	ccccggtcga	accacgcgtg	cggagctcct	gttctaaaat	gtacatggaa	60
atgtaagggg	cttatactag	ccagtataac	ttttgaaaag	agtaacaaag	acggagaact	120
tatattacct	aattttcaagc	cttggtataa	aactacagta	atcatgacag	tatggtactg	180
gcctaagagg	agacatacag	atcaatacaa	cagaacagac	agttaagtag	actcacatat	240
atacagtcaa	ttcatitttaa	acaaagagac	atacagatca	atacaacaga	acagacagtt	300
aagtagactc	acatatatac	agtcaattca	ttttaaacia	agatgccaac	aggaaaaggt	360
tatcttttga	tcaaagatg	ctaggaacaa	gtgggtatct	ctatactggc	aggaaaaaac	420
tgaacctcgg	ctaggcatgg	tg				442

<210> 1434

<211> 614

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (502)...(613)  
 <223> similar to gi2801701 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1434  
 acctgcccgt actcgaagga agactttctt tcaatgaacc tggtcacagc ggagtagctg 60  
 gcggccactg ggaggatcct gtgcaccagc tccctgatgg acagggtccag gttgggggtcc 120  
 acgaggaagg tccggctctg cctcccagcc aggggctgag cactgacgta cctcccgtcc 180  
 acgcccacca gcacgtacag caggtcctcc accacggccg actcctgcga ggccaggggc 240  
 aacgtgcctg cgggcacaga cagcgctgtg gctctgcagc cccactccc atgccccac 300  
 agccacgtgc cctcatctgc gggtcagtct cactcttgct catctttgtt tatgggtata 360  
 aaaggtcagc cactgcactt ggctttgact gacccactg gggagccaca ggctgagttc 420  
 caaccgccgc aggacggggc cggcctggga ggcggtgggtg ctggtgtcaa gatctacca 480  
 cactcggtc cgcaatgtc agatacatgg ctgacatttg aaaagggtgaa gttaggagtt 540  
 gaaaaggcga ctccagcaga agctgcactt tcaacattgg taagtacaac ttggtaagtc 600  
 tgagttactc tggg 614

<210> 1435  
 <211> 255  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (12)...(246)  
 <223> similar to gi4584539 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1435  
 atgttttcta accccagtt tatgtgagtt tttttggccc aattttaacc caaggccctc 60  
 cccccgaag ggcaaaaata atttattttt aaaaaaccgg agttgttttt ggcaagggcc 120  
 atccaccctt caaaaaaccc aaagttttcc aggttaactc ccctcccaa ctttttaata 180  
 aaattaaaga tccccctctg tccccccac tttggtatgt ttcccccccc ccccccccc 240  
 cccaaaaaaa aaaaa 255

<210> 1436  
 <211> 422  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (388)...(226)

<223> similar to gi3327042 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1436

ttttttttgc	atgtgagcat	atgtttatga	acgtgtatat	aattagaata	tctcacgcat	60
ggtgcatgcc	ctggagcaga	agcggcatcc	tgctggcctg	tcctcctcca	tggccctcca	120
gcttaacccc	tgcctgggca	tgctgatggc	cttgcatcg	gagctccaca	agctgtacga	180
cgaggagaca	cagagctggg	tctcaggcag	cgctgtggg	ggatacccat	agctttgtct	240
ttcctcaggc	actgttacca	gtaacctgct	tattggctca	aagttccaac	cctttgtctg	300
gagttccaaga	ctgatctgag	ggaaaaggca	agccatgttt	ctgctcaact	ccagggtgaa	360
gttagagggtc	ttgcagggtgc	cttgtggatg	ttcaacagcc	attctttact	cctgttcgga	420
gg						422

<210> 1437

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (634)...(695)

<223> similar to gi3513512 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1437

gagtcttcaa	cgtggagctc	aagctgaccg	gggctgttcc	tcggcttatc	gagatcaacc	60
cccgcattgg	tggcttctac	ctgcgtgatt	ggatcctgga	gctctatgg	gttgacctgc	120
tgctggctgc	tggtatggtg	gcctgtggct	tgctgctgc	cctgcccacc	cgcccacgtg	180
ctcgtggcca	tctggtgggc	gtcatgtgcc	ttgtgtccca	gcacctgcag	gccctgagtt	240
ccaccgccag	ccgtgagacc	ctgcaggccc	tgacagaccg	tggaactgcta	cgccctcaatc	300
tgctggaggga	ggccctggtg	cctggcgagt	atgaggagcc	ctactgcagt	gtggcctgtg	360
ccggacccag	ccccaccgag	gcccgtctcc	gcctgtctgg	cctctgccag	ggcctgggca	420
tcgatgggcc	cagctaccct	gttgcccact	tcctgtctca	cttcaaata	gactgggggtc	480
agggggcagg	gaagcagtgc	tgggtggagg	cactgtggtg	ccctctgtct	cctggagctc	540
ttcctgcttc	tctccccatc	accatgcccc	agccccagcc	tggcccgtct	caatgcctag	600
gtctgttcca	gagcagcagg	gcaatttaga	caccaaggca	tcctggactc	aagggcctct	660
tgccctcccc	aaggccccag	tccagcctac	agcttccccca	gcattctagc	cttggagaaa	720
tgacaatg						728

<210> 1438

<211> 473

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (67)...(423)  
 <223> similar to gil174258 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1438

ctatggcttc	tctgctgcag	ccctgagctc	atagaagcct	cattccgccg	cctctttcct	60
ttctagatcc	gggtcttcct	ccagcagctc	aagggccgcg	tagcccggga	ggccattcag	120
aaagtgcac	cgggtggcct	tcagggacca	aggcgccggg	aggcacagcc	cccagcccc	180
atagagggtga	ggcagatgaa	cagggtgagg	ctgtccaggg	caggtccctg	gtgggtaggt	240
gggagttgcg	ggggataaacc	tgattagggg	atccccagga	ggagcagggc	ttggggggcc	300
attgcaggct	gatccctggg	ctgaccctgt	acctctggct	tcactcaggt	ctggacggat	360
ctggctgaga	agataacagg	gccactggaa	gaagccctgg	cagtggcttt	ctcgcaggta	420
ccgccattcc	cccaggcagg	tcagggtgtc	ccagaggaca	gggtcacatg	ggc	473

<210> 1439  
 <211> 1303  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (464)...(636)  
 <223> similar to gil1213224 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1439

cccacgcgtc	cggttacatc	acctggttac	ctcactagcg	ttgaggtaaa	gaacaacttg	60
acataattgt	gaccttaagc	aaaattcttt	tccggtctca	gagtattaat	atattagttt	120
tattttctgg	atataattcta	atgggaaaaa	tagcagtgtg	ttgtctgttg	gcttgggcac	180
ctggatactt	ttcagttgat	attattgctc	tgttaccaa	ggcattaatt	tgtctcttca	240
tcgaacattt	attgaccatt	cactgtgtac	tagcaattac	tgtaaaaaca	ttgaagaaga	300
tagacacctt	ccctgcccta	ttggggcttc	ttttccttca	tggtatgttg	tactttgaga	360
tataaatgct	tttgactgct	caagataaaa	taataattgt	agcgcacttt	taatgttttt	420
ggttttctaa	ttagtccaat	attttaaagt	atgtctttga	tttatagata	tttggagtct	480
gggagtgatc	cttttcatgt	tggtgtgtgg	gcagccgccc	tttcaagaag	ccaatgacag	540
tgaaacactg	acaatgatca	tggattgcaa	atatacagta	ccatcccatg	tgtctaaaga	600
gtgtaaagag	taagtaaaac	aaagtatgtg	gaaaccttaa	ggactcagat	taaaaccaga	660
agttttaatt	ccattaatat	gtcaagaaaa	tttgagagga	cttcaaaccat	ccaagcatct	720
gggttgattt	taatttttga	atttaatat	tctgctgttg	tttcagagtg	ttcggtcggc	780
gggggtgggg	gtgggttagcc	cctgaatatg	atctgaaatt	taataattaga	gtacaaaatg	840
tattcatcta	tttcttattc	aagaaattta	ttacatgcct	cttcaacctt	caggagtggg	900
ggttatttca	cttgaactga	agaaatacca	tgggaactac	ctttctctgc	atgagcaaaa	960
agcaagatca	cctggaattg	ttttaagttc	cagagaagag	ttagggcatt	ttctttcctg	1020
aatagaccat	caacacacta	ttttagggtt	tacatagtat	gtctcataat	tttcttcaca	1080

```

caccttctgc taattgacta aagagctggt taggtttatg tgactatggg aagccagcat 1140
aaaaagtata ctcaattatt tggaatttaa agtagtacat agtactatga tatgtgtagt 1200
gagaaatata gtaatggaat agaactgttg gaagttcagt attgacattt taagtgacat 1260
ttttaatga gctcagctga gattatagcc actacttaca gga 1303

```

<210> 1440

<211> 509

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (208)...(459)

<223> similar to gi5326779 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1440

```

tggcatgtga ggacagcccc ttctctcatt tcatgctctt aatggagaag cactgcaag 60
atatttaatg tccttcacct gattttccat ggccacgcaa aacctggaca caactcagcc 120
acccactgac ttctttcctg cttctcatcc tcaaataccc ttcatggggc tgttggtttt 180
tttgaaaaca tcctcccatg agggattcca cagtgattcc ccagaggaac cacagagttg 240
ggatgaggac agtgcaagtg tgagagtgtt ggggtgtgagg gcactgggtg tgagggcacc 300
aggtgtgagg gtgctgggtg cgagggcacc aggtgtgagg gtgctgggtg tgagggcacc 360
aggtgtgagg gtgctgggtg tgagggcacc acgtgtgaga gtgctgggtg tgagggcacc 420
aggtgtgagg gtgctgggtg catgcaagga tcttgcccag gaggggaagag agcttttgat 480
tgagaggagg gaaacatcct ctcagaagt 509

```

<210> 1441

<211> 565

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(566)

<223> similar to gi3044086 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1441

```

cgggctcacc gctgctgtct cccgctccca agtctttctt gtgaaatcca aattggattc 60
tcttgatctt ccatctttcc agggcagtga gcttgctctt gttcctgctg cagaagttgt 120
agaaggaact ggcctcagag cccacgtgtt cctcatcatc ctcccgacc ctgctccctg 180
cttctgagct cctgtctgcc gcctcctctc tcttgctctt ggcgtggtac ctccgggaag 240

```

```
cctccttctc aatctccagc agcctctcgt tccatgcgtc ccagggtgctc tccgaggaca 300
tcgagtctgc gcggcgctc ctgccgtggt ccgggcggtt cagctccagc tgctgcttca 360
ggaccagat gtcgtggctg ctcacgctct cccaggcgct gctctcgctc aggggtgcgcc 420
gccgcctccc caccgaggag ccagcgtcgc tctcctcctc tttctcctcc tcccttcccc 480
acctccggtg cccttctgct aaaaacctct cgtttcggct ctgccactcg tgaatgatcc 540
tctccacgtc ctcgtcctcg acccg 565
```

```
<210> 1442
<211> 443
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (142)...(381)
<223> similar to gi56587 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 1442
aaggaaaaag gatgaagaaa aattaaccag agccctagga gacccggagg acattaaggc 60
ccctcaatac accccctaaa gagccgtcct cagagaagag agagaaaggg gtagaaccat 120
gatttgaaga aataatggtg aaactttgca aatttgataa aaaatatcaa tctatacata 180
caaaaagctc aatgaactcc aagtaagata aactagaata gatctgcact gagatacatc 240
ataatcaaac tgttgaaaat caaagacgaa tagagaatct caaaagcagt aagagagaag 300
caacttatta tatagaagaa atcctcagta aaattatcaa ctgatttctc atcacaaacc 360
atggaggcca aaggcagtgt gatgacattc aaagtgctga aaaaaaaaaa attactggaa 420
accaaaaatt ttgtttcttg caa 443
```

```
<210> 1443
<211> 552
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (107)...(483)
<223> similar to gi2935338 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 1443
gcgagtccgc atggctggct cgggccccgg atgaggaagt gcagggggac catagagacg 60
aagaggtggc ggcggccgga gcgccccgg cctctgtcgg ctccgtaggc tcaggtagac 120
ctggcgacga cggggctgca gctgcagggg ctgagctggc tgggcaagcg cgggccgcgg 180
```





<223> similar to gi1020145 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1445

```

gggttacatg tggaaaagcc tttgctaaga agtcacaact cattgttcat caaagaattc      60
atactggaaa gaaaccatat gattgtggtg catgcggaaa agccttcagt gagaagggtc      120
atcttggtga acatcagaga actcatactg gggagaaaacc ttatgattgt tctgaatgtg      180
gaaaagcctt ctctcacaaa tcgtccctta ttatacatca gagagtccac actgggggaaa      240
aaccctatga atgtagtgaa tgcgggaaag ccttctccca gaaatcacc ctcattatac      300
atcagagaat acatactggg gaaaaaccct atgaatgtac agaggggtggg aaggcctttt      360
cccagaagtg acagctgatt atacaccaca gagctcatatc tggagagaag ccgtat         416

```

<210> 1446

<211> 399

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (244)...(400)

<223> similar to gi3169293 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1446

```

cggacgcgtg ggaatgccta ctatattcag gctgctggac gtctaattct cagagcttgt      60
gtttaaatac ataactgtcc cccttgtggc cttcctcagt ggatgagata gtaactgtgc      120
catgttgggg tcaactggcac agtcctgtct tttgagaact gactgtcctc aaggggggatg      180
atcctgaagt ttctgtctgg ggaagaggag caccagtgtt ccatgtgggc tgccatctta      240
tccccttcac catccatccc ccttcctgga atgcactgtc acgacgccac atcacagcat      300
ctctgagccc ttacagaggt gtctgaatct ccctggctcc atgccccatc tctgaagacc      360
agctgtgaat acgtgagcct ctaccaccag cctgccgcg

```

<210> 1447

<211> 414

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (134)...(416)

<223> similar to gi5748656 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 1447
cgaagggaaa gcagcagggtt ggggcttctt gtggccaact tcagagcctg tcaccaggaa      60
aggtaagcat gggaggaagg aagatggcga cagatgaaga aaatgtctat ggtttagaag      120
agaacgctca gtcccggcag gagtccacgc ggaggctcat ccttggtggg agaacagggg      180
ccgggaagag cgccactggg aacagcatcc tggggccagag acggttcttc tccaggctgg      240
gggccacgtc tgtgaccagg gcctgcacca cgggcagccg caggtgggac aagtgccacg      300
tggaagtcgt ggacactccg gacattttca gctcccaagt gtccaagaca gatcctggct      360
gtgaggagag aggtcactgc tacctgctct cggcccccgg accccacgcg ctgg              414

```

```

<210> 1448
<211> 650
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (97)...(606)
<223> similar to gil439673 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1448
ccccggaaga ccatgcgcag aggggtgctg atgaccctgc tgcagcagtc ggccatgacc      60
ctgcccctgt ggatcgggaa gcctggtgac agggccccac ccctctgtgg ggccatccct      120
gcctcaggag actacgtggc cagacctgga gacaagggtg ctgcccgggt gaaggcgtg      180
gatggggacg agcagtggat cctggccgag gtggtcagtt acagccatgc caccaacaag      240
tatgaggtag atgacatcga tgaagaaggc aaagagagac acaccctgag cgggcgccgt      300
gtcatcccgc tgcccagtg gaaggccaac ccggagacgg accctgagge cttgttccag      360
aaggagcagc tcgtgctggc cctgtatccc cagactacct gcttctaccg cgccctgac      420
catgcgcccc cacagcggcc ccaggatgac tactcggtcc tgtttgaaga cacctcctat      480
gcagatggct attcccctcc cctcaatgtg gctcaaagat acgtggtggc ttgtaaggaa      540
cccaagaaaa agtgatgccg cctggcagac tcgcatccc ccaacgacac agggcaggac      600
agcagaggac gtgctgggat taaacacatt cccctctaa aaaaaaaaaa              650

```

```

<210> 1449
<211> 519
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (62)...(494)
<223> similar to gi3135309 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1449
cccgggttga cccacgcgtc cgcgagacgc tggggcgagc cgtggggcttt tgcttccctt    60
tggtgatagt ggcagcaaga ggtggtctgg aaatgagtca acagatgaat tttcagagct    120
gtcattccgg atctcagagc tggcccggga gcccgggga cccagagAAC gcaaggagga    180
tggctcagcg gacggagacc ctgtgcagat tgacttcacg gacagccatg tccccgggga    240
ggatgaagag cgaggcactg tggaggagca gcgaccaccc gaattaagcc ctggggcagg    300
ggacagggag agggcaccaa gcagcaggcg ggaggagccg gcaggggagg agcggcgggcg    360
cccggacacc ttgcagctgt ggcaggagcg ggaacggcgg cagcagcagc agagcggggc    420
gtggggggcc ccgaggaagg ataggtggga cccagggccg cccggggctg ttgctggaca    480
ctgagccctg gaaatggggc caccgagccc cgctgagcc    519

```

```

<210> 1450
<211> 584
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(585)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (65)...(199)
<223> similar to gi3327182 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1450
taagtataga ggctacttgt actttgctgc ctttttattc agattctttc ccaaagtgtc    60
attatatgtt gactgcattt tttccttctc tttccaggtt aaagtgggtg aaaaatactt    120
ctcagggcct gccattaccc tggaaaacac tcgtgtgggt agccaatcat tgcagcatta    180
cttatagctc ggaagggtaa gtgttcagta aacaaatcca gaggaagtat caaagatgag    240
ctccagatac agagctttta ttttgtagac tggactatgc ccagtagaca aacggctaac    300
aaaagccaat tcgatcttac ataaaaaaga taaactataa gtaagtagcc tgtgtcttga    360
ataacagggt gtaacaacag cagtatgctg cctttgtatg tagcatcact gggaaactgg    420
cctaagctta gtggcccggc tcctcctcca gctggccctt aggcatttac actgtgaggg    480
tgagcaagga ttgttagttt gcacacaccc tcactgactt gcttatccca aatgcagatt    540
aatatgtctt caattctcaa acttanaggc agagaagggc gcgg    584

```

```

<210> 1451
<211> 1430
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4)...(1020)

<223> similar to gi3882221 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1451

catctggaga	acattgtgta	ctacaaggac	gacacccact	acttttgtgat	gacagccaag	60
aagcagtgcc	tgctgcggt	gggggtgctg	cgccaggact	ggccagacac	caatcggctg	120
ctgggcagtg	ccaatgtggt	gcccagaggct	ctgcagcgct	ttaccggggc	agctgctgac	180
tttgccaccc	atggcaagct	cgggaaacta	gagtttgccc	aggatgcca	tgggcagcct	240
gatgtctctg	cctttgactt	cacgagcatg	atgcgggcag	agagttctgc	tcgtgtgcaa	300
gagaagcatg	gcgcccgcct	gctgctggga	ctggtggggg	actgcctggt	ggagcccttc	360
tggccctgg	gcactggagt	ggcacggggc	ttcctggcag	cctttgatgc	agcctggatg	420
gtgaagcgg	gggcagagg	cgctgagtc	ctagaggtgt	tggctgagcg	tgagagcctg	480
taccagcttc	tgtcacagac	atccccagaa	aacatgcac	gcaatgtggc	ccagtatggg	540
ctggacccag	ccaccgccta	ccccaacctg	aacctccggg	cagtgacccc	caatcaggta	600
cgagacctgt	atgatgtgct	agccaaggag	cctgtgcaga	ggaacaacga	caagacagat	660
acagggatgc	cagccaccgg	gtcggcaggc	acccaggagg	agctgctacg	ctggtgccag	720
gagcagacag	ctgggtaccc	gggagtccac	gtctccgatt	tgtcttcctc	ctgggctgat	780
gggctagctc	tgtgtgccct	ggtgtaccgg	ctgcagcctg	gcctgctgga	accctcatag	840
ctgcaggggc	tgggagctct	ggaagcaact	gcttgggcac	taaaggtggc	agagaatgag	900
ctgggcatca	caccggtggt	gtctgcacag	gccgtggtag	cagggagtga	cccactgggc	960
ctcattgcct	acctcagcca	cttccacagt	gccttcaaga	gcatggccca	cagcccaggc	1020
cctgtcagcc	aggcctcccc	agggacctcc	agtgtgtat	tattccttag	taaacttcag	1080
aggaccctgc	agcgatcccc	ggccaaggaa	aatgcagagg	atgctggtgg	caagaagctg	1140
cgcttgagg	tggaggccga	gacccaagt	actgaggtgc	cacctgacct	agagcctggt	1200
gtacccttga	cacccccatc	ccaacaccag	gaggccggtg	ctggggacct	gtgtgcactt	1260
tgtggggaac	acctctatgt	cctggaacgc	ctctgtgtca	acggccatct	cttccaccgg	1320
agctgcttcc	gctgccatac	ctgtgaggcc	acactgtggc	caggtggcta	tgagcagcac	1380
ccaggagatg	gacatttcta	ctacctccag	cacctgcccc	atcatgtatt		1430

<210> 1452

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(771)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (324)...(734)

<223> similar to gi3877751 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 1452
gaagggggaa gatgagtttt gctggtttct tatttgaat ttaatatcaa gatgcctacg      60
ttctannnnn nnnnnccctac attctatttt tagagaaggg aaagaacctg ccatcttccc      120
tttaaattta cataattctc aaggccctggc gttttaaaaa gggcccactt ccctgggagc      180
ttgcttctgg acttcacagc agcagcccag ggcagagcca gctggagccc gtctcagtgc      240
ctctgcctta ggctgtaaag caaactccag gaaagggtgcc cgtgggggtg gaagtgcagg      300
cagggtttgc tctggaagtg ggggggcagg agccgaccca ctgccagttg tgttctgtgc      360
aatcctatgc ccacgattaa cccttcccac gcccttcac cctcccagtt tgtccccctg      420
gtgtctccac agtcccaaag gcagtagccg ctctctgca gggagacccc gccttggggg      480
gacacccggg cggccagccc ctctgcgacg gcagtcctcc ccacctcggc atgggcgcgc      540
cctggggggg tctgcaaggg gaaaatgcaa cccccctct ccccgcccca ggctgtggtt      600
tgccgcttcc tgggaagagg tggagagatg gagcaggacg cacaccggag cagcctgggg      660
agcgcgacac cgcgctggac aaagatagca gagggcaaagt tgggaggggg gagtggggct      720
ctgctgggag ctggacgaaa tcgtcgaccc ggggattccg gactagcaga      770

```

```

<210> 1453
<211> 558
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (279)...(447)
<223> similar to gi603157 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1453
agattttagt ttaagatttt gtttgagcaa gggttatggc tgtaacaagc gagccagaca      60
ctggattaga tggcctgtga gaaacctttt acttttgctg tgaaaggaga aagaaacttg      120
tttttcccac tggtgagaag aattcaaacc acagacagat ctgtaggtag gactgggact      180
cgggaagctg aagtctttt tactggcaga agcagcgag ccctaagcgg tgttgtgctt      240
cggagagtgt tccctctaac aagaggggag tggacccacg ctctgaaatc ccatgcagtg      300
atgtgatgat gacttgtcct ttctctcctc tgtgaaccgt agcagcgctt ccggcccctc      360
ctgtgacgca cagcactcct gtaactgtct cagaaccact cctggagaaa gacttccttg      420
caggagtgc tcaagaatta atcagtaaat accttgaaat gcttgtaagc tactgtgctg      480
tatgtttcta gtagccacag aatacctttt aggcgacata aaaatcctca ttttcgtgtg      540
gttttgttga ggacgaaa

```

```

<210> 1454
<211> 443
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (16)...(411)  
 <223> similar to gi537432 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1454  
 tttcgtggtg gctccagaga tggcagtgag cgagaggagg gggctcggcc gcgggagccc 60  
 cgcgagtggt gggcagcggc tacttctggt actgctgttg ggtggctgct ccgggcgcat 120  
 ccaccggctg gcgctgacgg gggagaagcg agcggacatc cagctgaaca gcttcggttt 180  
 ctacaccaat ggctctctgg aggtggagtt gagcgtcctg cggctgggcc tccgggaggc 240  
 agaagagaag tccctgctgg tggggttcag tctcagccgg gttcggctctg gcagagttcg 300  
 ctctatttca acccgggatt tccaggactg ccctctccag aaaaacagta gcagtttcct 360  
 ggtcctgttc ctcatacaaca ccaaggatct gcaggtccag gtgcggaagt atggagagca 420  
 gaagacgttg tttatctttc ccg 443

<210> 1455  
 <211> 801  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(76)  
 <223> similar to gi5262588 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1455  
 ttactgtcag aacaagagcc agcaagcttt actgcatagt gaaaagatgc tgtggcagtt 60  
 cctgaagggtg accttagagc aagactccag aatgaaattc cttaaagcttt taggatacag 120  
 taaagatgag cttcagaaga aggtggccac atggttgaag agtgacgtgg ggctaggtga 180  
 gagtcctcag cccaagggaa atgacctcaa cagtgcacaga caacaggcct tctgcagcca 240  
 ggctccaaa cacaccacaa aggaagcctc tgcttcctca gccttccttg atgagctggt 300  
 ccctcagaac atgactcctt gggagatccc catcacaaaa gatattgatg gactcctaag 360  
 ccaggctctc ctgcttgggg aactgggtcc ggccgtggag ctgtgtctga aggaggagcg 420  
 ctttgctgat gccattatcc tggcccaggc tgggggtaca gatctgctga agcatacaca 480  
 ggagctatgg atttttagga gggttgccag atggttagta cttgtaaccc ctgtggggtt 540  
 tacgagatth ttagatatag cgagtctctg tacaagtgtg cgtaggggct agacactaac 600  
 catgatctgg agataagggc tgaccttgta ttgtcataag gtccgcgaaa ggctcagagt 660  
 acgtgagtcg taccatggca cagggtctct aacggacgct tacagagtct cgtgcgtaaa 720  
 tatagggata gcatcacgaa tcttgacgtg ctggtcatag cttgaatagg cctaagactg 780  
 tgtagatttc taagacttaa t 801

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[illegible]

**00000000000000000000**

[illegible]



cgacctcacc	cagcaggaga	tacagacccc	ggagatacaa	cagagaaatg	cataatgtcc	240
agtcaattta	ttaaagttcc	aaagtnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnatattcaa	tatgattaaa	gcaggagtga	360
ggacacagcg	aaagtggagac	aaggaaaaga	gaacaaaata	aaacaggaga	gacagaata	419

<210> 1458

<211> 1200

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (842)...(353)

<223> similar to gi5360271 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1458

tttttttttt	ttcacattgc	agtaaacttc	tttttaaggt	ctctgagagt	tacaatagga	60
acatcatgtg	caaaactgac	agccgtccaa	gggccagcc	gacaggactg	gctctccctg	120
cccgtcggc	cgggccctcc	ccgagcgggg	acacactgca	gggcttggt	gagccctggt	180
ggacaaggca	aagagccttc	caccccgac	tgaggctcgt	gtccctcggc	agctccctgc	240
tccttcacag	tagaggacct	gggccgccc	gggccatctg	caccgggcgc	ctctccctgg	300
ccaccaccaa	gggctgacac	gcaggctctg	gcagctcctt	ctgggaaggc	ctatgacgac	360
tgcgcggaag	gtgtgggtgc	cccccatcc	actgtccatc	atgctgagtc	ctgggtccatg	420
ctgcagccca	gcgccctcaat	gtcgctgctg	atgtccgaga	tcattgcggc	ccactcatcc	480
ccctctgagg	gtgccgaccg	gtcatcagag	ctgcccggtg	ccctgttccc	attggtggtg	540
gaactggatg	tggtgctcag	ggcccgccgg	tgccctgcaa	agctgtcagt	gatgatgccg	600
cggccatcct	tcacgccaat	ggtctccagg	aagttctcga	agtgtgggt	gtccttctca	660
gggatgaagg	gcctcagacc	aagcagcagg	aacttgccgc	tgtccccgta	gagctgccgc	720
aggttgatgc	agaactcgtg	gatagaggcc	ccattgcggg	actcgtgcag	cagtgtctgca	780
aactgctgga	tctcctgtga	tgacagcttg	gtgctgcagc	tcagcatgta	gtcctgcagc	840
agctcagtgg	cgtgtggcgt	cagctcgtct	tcactgatgg	tcttgctgtg	gggtgatgca	900
ccaccacat	ccacagattc	aggggaagcag	ctttacctcc	ttctcaatat	agtcgctcag	960
cagtctgtct	ggctcgacgc	gctcaggcaa	tgacaacacc	acagtgtgca	gagggcgcc	1020
ctctgtcacc	ttctcatggg	ctttcttatt	tctactcttt	tcacctttta	ggaatactcg	1080
tttaaattgg	gagacaattc	caggtctctt	gcccttcttg	ccctcctctt	ccatatcgcc	1140
gagtgcgggt	cccgcggtcc	gcccgcccg	ccccgggagc	ccctcgtgcc	aggcttacgt	1200

<210> 1459

<211> 348

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (29)...(350)

<223> similar to gi2145020 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1459

ggcttactca	ctataggctc	gagcggccgc	ccgggcaggt	ttttcgtctt	atttgaagtc	60
attgccggat	gtgaggaaaa	aatcgcttcc	cttgccctgaa	aagccacaca	aagaagaaaa	120
ttcagaaatc	gtggttttga	gagaatttga	caagcaagtg	ttcctcttga	actgaagccc	180
ccggagacaa	tcgaagctgt	acacggtgga	cctggagtca	gggctacact	acctcctgcg	240
ggtggagctg	gcagcccaca	agtcctctgg	cggagcagag	ctgaagacgc	tcaaggactt	300
tgtgactgtc	ttggccaagc	tgttccctgg	acggcccgca	gtcaagcc		348

<210> 1460

<211> 589

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (458)...(591)

<223> similar to gi30379 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1460

tccagctggt	ggaattccag	cagattaaca	tttgctaacg	gggcctggtg	cggtgacacc	60
ttcgtaaggt	tgctttttgc	atgcctgtgc	tttgggggtt	gtggtggggg	caaggcggtg	120
gtagggggcg	ggtcagggca	gtgagtgagg	tcgcccattg	tcattctctg	ccgtgctggg	180
gggttgtcat	ctctcggggc	ttagcacttg	ttggggatgg	gtgaagtcca	gtcccagagtc	240
acagtgtgtg	ttgggggagg	ttgctgatat	tcatagccct	gtatgtttga	gtaatgacaa	300
catccatctc	caccttcagg	gtgaggagct	gttggcctat	ctgtgtctgt	ctgtctgtct	360
gtctgtcatc	cgtacctgtc	tctccgaggg	agagaaggca	ggccccaggg	tctttcccca	420
ggatggcctt	gggtgagttc	ctgctgtcct	ctctgcccag	gaaatgaacg	ccctttgagg	480
tcaggtggac	gaggatgtca	gtgtgaagat	ggacactgtg	cctggagtga	acctgagctg	540
catcctgaat	gagatgcgtg	accaggacaa	gaaactggtg	gagaagagt		589

<210> 1461

<211> 619

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4)...(620)

<223> similar to gi3327056 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1461  
atccaagtag agcagaaccg gtaacacttc tatgaactgt ctctcgagta tgtgtgtaag 60  
ctgcaggaaa tccaagaaaag aaagaagttt gagtttgtgg aacctatgct gtcatttttt 120  
caggggatgt ttaccttcta tcatcagggc catgaacttg ccaaagactt caatcactac 180  
aaaatggaac tacagatcaa cattcagaat acacggaatc gatttgaagg aacaagggtca 240  
gaagtggaag agctcatgaa caaaatcaga cagaatccca aggaccacaa acgagcaagt 300  
cagtttacag ccgaaggcta cctgtatgtc caggaaaaaa ggcttgctcc gtttggttcc 360  
agttgggtca aacactattg catgtatcga aaagcagcaa agaagttcaa catgatccca 420  
tttgagcaca gatctggagg gaaacttggg gacggagagg tgttcttttt gaaagaatgt 480  
accaagaggc atactgactc cattgacaga aggttttgtt ttgacataga agctgctgat 540  
cggcctggcg tttccttgac catgcaggca ttttccgaag aggaaaggaa gcagtggttg 600  
gaagctctgg gtggaaagg 619

<210> 1462  
<211> 742  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (79)...(200)  
<223> similar to gi4468626 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1462  
ggcagttact tgggtcgaccc acgcgtccgc cagcgtccgc tgggatgctc cttgcccgcg 60  
gccaccccat ggttgtgcct cctcactgtc tatgttttcc tctctggcgg ggcgcggggc 120  
ggccccctagg tgtccagcca catacagggt ctagctcgga agaaggtgcg ggagtaccag 180  
gttggcatca aggtatgttg ggtgcctggc gggggccttc agccctcctg ggccccctac 240  
ccacggcgct atctctgcat agctcaggcc tttccttggc cagctctcca gccccactgt 300  
gcctcttttc tggctgaagc tctgtttctg cctctccttc cgtcttttct gatctttttc 360  
tctttctttc tctctctaca ggtctctagc cacttgcaag ttctagccag gcggaaatct 420  
cgggagattc agtctaagct gaaggtagcg gggccctgcc acctggcctg gcctgccag 480  
caccctcctg ggtgcaggcc tgtcgtgct ctgtggctcc agcctgggac aggcaagggg 540  
ctgagaagct gtgaggggg ccagaaagaa acacaagtgg cagcaggaag cccaagggcc 600  
ctgtcagtga gggagaggg gaccatctgg gggccactaa ggcccacccc tctctttctc 660  
tgtttttctt tttctccttc ttcctgactg ctgcttacta actgcatggg gacttccgtg 720  
ggcagggagg agggccccgg gc 742

<210> 1463  
<211> 717

054627-01-0000

ccgccttgca	cgaggcattt	ggcttgaccg	cgtttgctca	ggaatcgcat	ctcgtgggga	60
agttttcacg	tccacttcac	gtgcgtggcc	aggccctgtc	cccactcgag	gcgagagcta	120
ccgggatgcc	catcgcaatc	gcaggcgccg	tgggagctgc	aggctttgga	ccacagagag	180
gcccggagca	ggaagctgca	acgtccacct	cctcgaccgc	gctccccgtc	gcctgtgggc	240
ctaagggtgtg	atcatttcac	gcctgatcgg	cctccctcca	gcctgttccc	tccgctgacg	300
gccaagccca	gccaggcagg	gccactcggg	gtccccagga	cagcgttcca	ggttttctgg	360
cccacaggct	tggagagtgg	gccccacctt	cccttctctt	gccagacgcc	tgcccgtggg	420
ccagcctcgt	cctgctgccc	tggggcctcc	gaggttcctt	tttctcgaga	ggagccttcc	480
ctggcaacat	gacccccagg	gaactcactc	aaacggctgc	tcttcgcggg	tggtcctaat	540
actgcagctt	ctgattccag	cacagtttct	cacagaaatc	tgtttctcca	tgtatcgctg	600
tctcctgacc	cccgcgggca	gcacacagtt	gtgtttccct	ccttcagggt	gcaccatcct	660
tcaggtcaga	agcttccaga	aggcagaaat	gctgagctcc	ctgcacgggt	gcaaggc	717

<400>	1464						
ccccggaaga	ccatgcgcag	aggggtgctg	atgaccctgc	tgcagcagtc	ggccatgacc		60
ctgcccctgt	ggatcgggaa	gcctggtgac	aggccccac	ccctctgtgg	ggccatccct		120
gcctcaggag	actacgtggc	cagacctgga	gacaaggtgg	ctgcccgggt	gaaggccgtg		180
gatggggacg	agcagtggat	cctggccgag	gtggtcagtt	acagccatgc	caccaacaag		240
tatgaggtag	atgacatcga	tgaagaaggc	aaagagagac	acaccctgag	ccggcgccgt		300
gtcatcccgc	tgccccagtg	gaaggccaac	ccggagacgg	accctgaggc	cttgttccag		360
aaggagcagc	tcgtgctggc	cctgtatccc	cagactacct	gcttctaccg	cgccctgatc		420
catcgcgccc	cagcagcgcc	ccagatgcac	tactcggctc	tgtttgaaga	cacctcctat		480
gcagatggct	attccccctc	ccctaattgtg	gtc aaagat	acgttggtggc	ttgtaaggaa		540
cccaagaaaa	agtgatgccg	cctggcagac	tcgccatccc	ccaacgacac	agggcaggac		600
agcagaggac	gtgctgggat	taaacacatt	ccccctctaa	aaaaaaaaaa			650

<210> 1465  
 <211> 596  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (34)...(579)  
 <223> similar to gi38458 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1465  
 ccccttgct ggtaccatcc ccatctcata gcaagatgtc cccagcccat cacacagctg 60  
 agggagtgc gagccaggcc tggaagccag actccactgg cctgcatcct tcagccccgg 120  
 gctggggtac gctgtgcccc agacccaag ggctccgagc cctggcctgt actccactta 180  
 cccctttttt ctcttctcc tttcttcct cctcctcagg ggcctcagcc tctccctctg 240  
 agcttcccgg ttttacctgc ggaatctcag ggggtggcctt cagctcctcg gaggtcgcaa 300  
 tcaaaggctc cccctgcttc catgagtgtc gcagggccaa ggccttctgg cgctccaact 360  
 cgtgccgttt aagcatcccc acaatgcctt gtgggtgcc ggcctgcagg ctgccctcca 420  
 ccatctgtc cagctgcagc ctggccagggt gggctatctg ggtgctaagc acctcctcca 480  
 ccgacatgcc cgggaagagg ttggtcatca gcagggacag ctttggttgc ttggggttga 540  
 ggagcaggac agtggccaca tcctggcggg ccccaaaaat gttctgcagc agctgc 596

<210> 1466  
 <211> 791  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (67)...(675)  
 <223> similar to gi5420389 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1466  
 tgcgtccgc acttccggag tcgagccacg cgtccgcgct ggaacacctt gagctgagtg 60  
 ggtccaactt ctctccgct atgccccgca acgagccgc catacgcaac tcgctccac 120  
 cctgcagccg cgcacagagt gtcggggact cggagggtggc cgccatcggc cagctggcct 180  
 tcctgcggca cctgacgtc gcacagctgc ccagcgctct tacgggctcc gggctgggtca 240  
 atatcggcct gcagtgccag cagttgcggg ccctgtcgtt ggccaacctg ggcatgatgg 300  
 ggaagggtgg gtacatgcc gcgctctcag acatgttgaa gcaactgcaag cggctgaggg 360  
 acctcaggct ggagcagccc tacttcagcg ccaacgcca gttcttccag gcgctgagcc 420  
 agtgcctc gctgcagcgc ctgtgcctgg tctctgcag cggcaccctc cagcccgatg 480

```
ccgtgctggc cttcatggct cgctgcctgc aggttgatcat gtgccacctg ttcaccgggg 540
agtcctctgc cacctgcaag agcctgcagc agtcgcttct ccgcagcttc caggccgagc 600
ggcccgctgt aaacgtcgtc atcttccctc tgctccacga gggcctgacc gacgtcatcc 660
gggacgtccc cctgggtgcac ctggatgaga tcaccttatt taagagcaga gtggccgagg 720
aaccgccgaa cctgtggtgg tgagaggcgg agccgccgcc catcggtctc agtcacctcg 780
acacgggaat t 791
```

```
<210> 1467
<211> 583
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (67)...(263)
<223> similar to gil906596 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1467
gaccagcgtg gtggaattcc tgctacatct gacttttgtc ttgtttccat ctccatcatca 60
ttccccaact cctagggtttc agccacagcc tcttgggatt cctcggtgca tgattctggt 120
cacttgaata gggtcacacc acagaatgaa aggatttacc taattgtgaa aaccacagtt 180
caactcagcc accctgctgc tatggagtta gtattacgaa aacgaattgc agccaatatt 240
tacaacaaac aggtataaac ggggcctgat tgtgccattc tggctctgag ctcaaaagat 300
ttttccctct ctctatcaca aagcagtgtt ttttgggtgt gtgatgtgca aaacatgacc 360
atcctggcca agttatagtc tgattctcat ttatccaagg tagtgggcat taggatagca 420
gaggtcagtg tcatccacta agggcagttt caccttgact gattggagag gtgtaatcct 480
accaggcagt ggagctgtga tatttactg tttgaaaagt agaaaaactg aggctgagag 540
attaagtgcc aggtccaagc aagtgagtga caaaaccagg aca 583
```

```
<210> 1468
<211> 1322
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (194)...(1141)
<223> similar to gi540271 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1468
tttgatacct gtagttgagt acgttttacc gggtcgaccc acgcgtccgc agaacgtgct 60
```



<210> 1470  
 <211> 431  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (14)...(430)  
 <223> similar to gill196425 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1470  
 caatttttag gtcctaaaag tctgaattat tagacagtgt tgcataagcta gagaaggaaa 60  
 aggattcact catcctataa ggcggcttag ttgtcttagg caaaagctgt ataatggtac 120  
 cacaaatata gttacatggt ggagttccaa ttacacagaa agagatccat tcagtcaatt 180  
 tccaaagttg cagactgctt gggccacccc agaattccac cgggactgga cggcccccac 240  
 caggttatac tggatatgtg gacacagagc ttatgctaag ctgcctgatc agtggacagg 300  
 tagctgtgta attgacacca ttaaaccatc tttcttctta ctgcccataa aagcagggga 360  
 acttctgggc ttcccagctc atgcttcccc caaaaaacaa agcatagcca taggtgattg 420  
 gaaagatgat a 431

<210> 1471  
 <211> 1191  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1055)...(1166)  
 <223> similar to gil871540 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1471  
 gtgcaagggt ctgtcactca cgtgtgccct cgaccctccc gttcaccgcg agccttctca 60  
 gcgcctctcc ctgggcccga ggcctcctca ccagcctacc tgttgctctg gaaaaaatc 120  
 ccgtcccccg actccgtccc taccctcagt cttcgccggg ctctggcccc tggggagggg 180  
 gctgcacggt ggaaggaggc tggctatggg cccggctgcc cgtgcatgt acctcctcct 240  
 ccacccatcg cctcttgccg gggggttaact ttgcctgggg ctcatctttt ggttaagctg 300  
 aagctgccgt ggggtggcaa accgcagatt ctttgcaaat tctgagctgg cagagctcgc 360  
 agccggggagc cggccgggga agaggagact tgcgcgccgc aagccgcctg cctccaccct 420  
 gctctccatc tcccgtctta gaagggtgg gaagctcgcg gccgggggtc cacctggaag 480  
 ctgcttgcat ggctgaaccc agcttaggtc cctgacgggg ctgctggtgg aattctcccc 540





<220>  
 <221> misc\_feature  
 <222> (1)...(1241)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (731)...(1071)  
 <223> similar to gill150834 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1473  
 agaacacgaa ctagtggtctc taagccacta taatagttgc acatacaaca tgagtgtggt 60  
 gtggtaggat gcttttccctt ttaggtcttt actgaacttt caagggatta aaaccaatgt 120  
 atgtcaactt tatagcaaaa gattcagatt ctaatcctga ataccaatgc atttttagagg 180  
 gggaaaaaat gagggatgta aaatatatat agtagggtaa gagttttgcc tttgaacaat 240  
 gtgcatattc tattttaatt tggaatgttt tatacttgca tttcatgtta tgtagttttt 300  
 ggactggact gtgtttttcc acaaaatgaa aaatcaacta ttttgccacc ttattattca 360  
 acctacctgc ccatagttgt ctatgccagt tactaatcta tttaaattta ataaatcaaa 420  
 agctgtcctt agggattggc caagagtcgt aagtccttca gcctgaagggt ttttcaattc 480  
 attcataaac gttgcatggt tttctttcca tccagccttg atagcatagg gcggctcttc 540  
 gaaagtgacc agcatatacc tgtctcctct gctggcaggg tcccgggcac ggagcttcat 600  
 gaaggtctct accgcgcctt tggcctgtgc caggtagggtg gtgcccagat ggctgcgctg 660  
 gttcatagag gcagacgtgt ctatcaggaa cagtaagatg ggcatagtg tggccgggga 720  
 caccggggcc cgaggtggtg gagaaagagg agatggtaga ggtggaggcg ccggtggcgg 780  
 cgaccggcgc tagcggggcg ggggagcacg gccccggga ggaaaacact gtctgggtct 840  
 ttctccggc tgccgggaat tctcccccgc atagttgaga ggaaactccc cagaccagt 900  
 gctccccgc gtaccnccgc ctccgcctcc tctgcctgc ctgcccgtg gggcgggcgc 960  
 ccagccgtct gtctgtcggg tctcccccc cgctcgggg gtcccgtccc cgctcccggc 1020  
 ccctgtgtgt gtcccagcgg gagacgggccc tggctcccca cccaccccc ggtacaggag 1080  
 tggggacctg ggagctggcg aagaggggag tgggctgagg gaagattggc cctggggctg 1140  
 ttggggagaag tttcaggggac tccctccgca caccggcggg gtcaccactt tctcagcccc 1200  
 tctcgcggac gcgtgggtcg cgccgggggt tccgcaggca 1240

<210> 1474  
 <211> 810  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (95)...(599)  
 <223> similar to gi2327063 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1474  
 aatagaattc cgctcggcaca cgcacgcgta cctaggatcg tatagagcgg ccgcaataca 60

tgccgtcttc	ttaaatcaac	tcctctctct	caaaaagcct	ttctttccgt	gtcgcgaata	120
tcacccctcc	ggtcctgtcc	cgcagcgagt	tccccggcgt	tgggcttctc	tattatgccg	180
gccagcggag	tccaattggg	ctgacttcac	tgtccggaga	atcctctcgc	tcccaaacct	240
ccctgagaga	cgaccttta	ccgtgccagc	cggacctgcc	tacaaagacc	ctcctcttca	300
acctgtcccc	tgtgttactc	cacaaaacgg	acacagaagt	tcgtcaacct	gcccagatac	360
cacgcctcaa	agcggcaaca	gagccgaacc	cctttctcag	gcttcggacg	gcccagaccc	420
ggcatctctt	ttctcctctt	ccccagaccc	ttccacctct	ggcctccgag	agccccagcc	480
tcagttcccc	tccaggccct	aggaacccta	ctctccagca	gtacagtctg	tagacccccg	540
aatcagttcc	ccactcaacc	tcagaactcc	tctggcgccg	actggcccca	ctcggggcaa	600
ggatggcggg	ggataggatg	acccgaacca	ccagagccag	caaacttacc	ccagccgcc	660
tgggtattcc	gcaaagaaag	gggggtgggt	tctcggcgct	gccgcaaagt	aagcccggcc	720
gggagagaag	ggagggggaa	agaggagagc	cgtggagaaa	cagcagccga	aaaacgagga	780
cgaaacagaa	gacatacgta	cgacagttcg				810

<210> 1475  
 <211> 1120  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(1122)  
 <223> similar to gi599683 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1475						
tcatatgata	gggtggaacaa	tatggaaaat	agtttaagat	ggagaagaag	aaattgttta	60
tgcagttgac	ttcaaccaca	agagggagat	ccatttaaat	ggatgttccc	tggaaatgct	120
aagcaggcct	tcctacttta	tcacagatct	attcaatgct	acatatgtac	agcctagaag	180
aaaacagaga	gatgagcagc	ttctgacaaa	tgtcctggaa	acacttcgag	gtgatggaaa	240
tgtgttaata	gcagtggaca	cagcaggcag	agttttggaa	cttgctcaac	ttcttgatca	300
gatttgagg	actaaagatg	caggattggg	tgtttactca	ttggcactcc	taaataatgt	360
cagttacaat	gtggtggagt	tttctaagtc	ccaggtagaa	tggatgagt	ataaattgat	420
gagatgtttt	gaagacaaaa	gaaataatcc	gtttcagttt	cgccatctct	ctttatgtca	480
tgggtctttt	gacttggccc	gtgtacctag	ccctaaagtt	gtacttgcca	gccaacctga	540
cctggaatgc	ggattttcaa	gggatctctt	tattcagtg	tgtcaggacc	ctaaaaactc	600
aatcattcta	acctacagaa	ctactcctgg	gacttttagc	cgtttcctaa	ttgataatcc	660
ttctgaaaaa	attacagaaa	tagagttgag	gaaacgtgtg	aagcttgaag	ggaaagaact	720
tgaagaatac	ttggaaaaag	agaaactaaa	gaaagaagct	gccaaaaagc	ttgagcagtc	780
aaaagaggca	gatatagatt	ccagtgatga	gagtgatatt	gaggaagata	ttgaccagcc	840
atcagctcat	aagacgaagc	atgacttgat	gatgaaaggt	gaaggcagtc	gtaaaggaag	900
ttttttcaaa	caggcaaaaa	agtcctatcc	tatgtttcct	gccccagaag	aaagaattaa	960
atgggatgaa	tatggagaga	ttatcaaacc	agaggttttc	ttagtgccag	agcttcaagc	1020
tactgaagac	gaaaaacgca	aattagaatc	tggtttgaca	aatggagatg	aacctatgga	1080
tcaggattta	tctgatgttc	ctactaaatg	tattttctaca			1120

<210> 1476  
<211> 906  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (2)...(740)  
<223> similar to gi5052123 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1476  
gaaattcagt cctgaagtct gggatgaaac ctgcaactgt atgttggata ttttcaaaac 60  
aaccatccca catgttttgc tgacatggag acctgtagga atggaggaag attcatcaga 120  
aaagcatttg gatgtggatc tggaccgcca gtctttaagc agcatagata aaaatccctc 180  
tgagagggga cagagccagc tctctaaccc aacagatgac agctggaagg gtagaccata 240  
cgaaatcag aaactgtttg ccagcctcct catcaagtgt gtggtccagt tggaattgat 300  
acagaccatt gacaacattg tgttctaccc tgcgacgagc aaaaaggagg atgcagagca 360  
catggttgcc gccagcaag acacgctgga tgcagatata cacatagaga cggaggatca 420  
gggcatgtat aagtacatgt cttcccagca cctcttcaag ctggttgact gtttgcagga 480  
atcccattca ttctcaaaag ctttcaactc caattacgag cagcggactg tcctgtggcg 540  
agcaggtttt aaggggcaagt ctaaacccaa tcttctaaaa caagaaacca gcagcctggc 600  
ctgttgtttg aggatcctgt ttcgaatgta tgttgatgag aaccgcaggg attcctggga 660  
agaaatacag cagagacttt taacgtaaga aaattagttt ctgattagat ttctatctgc 720  
tatatacaaa atgcatcaca gcaatactgt ggattgaaaa gagtaagaga aaaatacatg 780  
ctgacactct gacaaatttt tttttctttc tatttggtga ctctcccatt tcacttttct 840  
taatgccctg aagagggcag agcctcatct gtttctactgt taagcccttg cttgagccca 900  
ggagtt 906

<210> 1477  
<211> 526  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (366)...(529)  
<223> similar to gi854065 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1477  
tgggagcaaa ttggagaaaa ggagagaaca agtgttatta caactttgcc ctcaactcagg 60  
gacaccgccc agaggctaca gttggccctg cattgagtta tgagtgtcca ggtcaccctc 120  
tggcttgga ggtcaccatg ctgtgctcag ggacaagggg tggagggagc ggggtgctgtc 180  
tcccttctcc aggcccattc caagtagaaa acagagatct cttgctattt gacaacagaa 240  
aactttgtac agtagaaaaa atagaaaaga actttgtgaa ggatgatact caagtgacta 300  
gatttctaca aaatagatga ggtttaggaa actttatggc acagaattta tttgttcggt 360

tttgctgcaa	tagtatttgt	catggtaggt	ggttttgctg	ttgtttttga	taagcatgta	420
gatgtacctg	tatgtgtgcc	tgggtatctt	tgtgtgttcc	tctgtgtcta	ggtattttcta	480
catgtctgtg	catgtgtgta	tatgtgtggg	tgtctgtgtg	tttctg		526

<210> 1478  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(386)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (13)...(385)  
 <223> similar to gi5802817 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1478						
gagcttcaat	accctgctca	accaggagaa	gaaggcactg	cattttaatgt	taccataggt	60
tataaataacc	cccctctgtg	cctcggacat	gcacctagtt	gcacccatct	acgaactcaa	120
gtctaggctg	cttatcttcc	ggaaacatca	gctacagata	aaacaggaca	tttagtctct	180
ggtctctccc	tttctccttt	aaaacaaatg	aaaggaggag	taataggaga	taccccatat	240
tttcaatata	aacctgcagg	aaaacatgc	cctaaaaatt	ttgagggccc	atctaaaact	300
ttaatttagg	aagactgtgt	taactcacat	gcagtaatac	taaaaaatga	ctcatatggt	360
ctagtaatat	actaggcacc	anaag				385

<210> 1479  
 <211> 696  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (254)...(488)  
 <223> similar to gi4206161 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1479						
cacgggtcgt	gaactcgggg	gccaggcagt	cctccgcct	cagcctgcca	aagtgtgag	60
attataggtg	tgagccactg	caccagcca	aacaattcta	ttttgtaga	ataatcaatt	120

tccttttagc	ctaaatttaa	ttagacacca	tttaacgtgg	catttgtttt	atgaaatcaa	180
tttatgctgt	ctcttttcta	acaaagcaaa	taaactctaa	acatgggggtt	attatgttca	240
tccaggagca	tttcatacta	ctgaagctga	agctagttct	cagagtttga	ctcagatata	300
tgccttacct	gaaattcctc	aagatcaaaa	tgctgcagaa	tcgtgggaaa	ccttagaagc	360
ggtatgttaa	aaaatgtttt	cttttttggt	gttgtagaggc	ataaaagtaa	cttcctctcc	420
ctttctttta	aaggacttaa	ttgaacttag	ccaactggtc	actgacttct	ctctcctagt	480
gaatgtaagt	atataactgt	tttgatgca	gaattgttgg	attattagaa	tgagaagctt	540
ttataatcac	taggctttta	attagaattt	taatagaact	tataattttt	aagactggta	600
ttaagccata	gatagaagtt	taactgttct	caaattccag	attaattcaa	gaaactttta	660
ttaagcactt	gttatataca	agcagtgtgt	tagatg			696

<210> 1480

<211> 2693

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2520)

<223> similar to gi2439517 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1480

cagagcaggg	cgagagccga	tcagcggatc	accgagtctc	gccaggtggt	ggagctggca	60
gtgaaggagc	acaaggctga	gattctcgct	ctgcagcagg	ctctcaaaga	gcagaagctg	120
aaggccgaga	gcctctctga	caagctcaat	gacctggaga	agaagcatgc	tatgcttgaa	180
atgaatgcc	gaagcttaca	gcagaagctg	gagactgaac	gagagctcaa	acagaggctt	240
ctggaagagc	aagccaaatt	acagcagcag	atggacctgc	agaaaaatca	cattttccgt	300
ctgactcaag	gactgcaaga	agctctagat	cgggctgata	tactgaagac	agaaagaagt	360
gacttggagt	atcagctgga	aaacattcag	gttctctatt	ctcatgaaaa	ggtgaaaatg	420
gaaggcacta	tttctcaaca	aaccaaactc	attgattttc	tgcaagccaa	aatggacca	480
cctgctaaaa	agaaaaaggt	tcctctgcag	tacaatgagc	tgaagctggc	cctggagaag	540
gagaaagctc	gctgtgcaga	gctagaggaa	gcccttcaga	agaccgcgat	cgagctccgg	600
tccgcccggg	aggaagctgc	ccaccgcaaa	gcaacggacc	acccacaccc	atccacgcca	660
gccaccgcga	ggcagcagat	cgccatgtct	gccatcgtgc	ggtcgccaga	gcaccagccc	720
agtgccatga	gcctgctggc	cccgccatcc	agccgcagaa	aggagtcttc	aactccagag	780
gaatttagtc	ggcgtcttaa	ggaacgcagt	caccacaata	ttcctcaccc	attcaacgta	840
ggactgaaca	tgcgagccac	aaagtgtgct	gtgtgtctgg	ataccgtgca	ctttggacgc	900
caggcatcca	aatgtctcga	atgtcagggt	atgtgtcacc	ccaagtgtct	cacgtgcttg	960
ccagccacct	gcggcttgcc	tgctgaatat	gtcacacact	tcaccgaggc	cttctgccgt	1020
gacaaaatga	actccccagg	tctccagacc	aaggagccca	gcagcagctt	gcacctggaa	1080
gggtggatga	aggtgcccag	gaataacaaa	cgaggacagc	aaggctggga	caggaagtac	1140
attgtcctgg	agggatcaaa	agtcctcatt	tatgacaatg	aagccagaga	agctggacag	1200
aggccggtgg	aagaatttga	gctgtgcctt	cccagcgggg	atgtatctat	tcatggtgcc	1260
gttgggtgctt	ccgaactcgc	aaatacagcc	aaagcagatg	tcccatacat	actgaagatg	1320
gaatctcacc	cgcacaccac	ctgctggccc	gggagaaccc	tctacttgct	agctcccagc	1380
ttccctgaca	aacagcgctg	ggtcaccgcc	ttagaatcag	ttgtcgcagg	tgggagagtt	1440
tctagggaaa	aagcagaagc	tgatgctaaa	ctgcttgga	actccctgct	gaaactggaa	1500
ggtgatgacc	gtctagacat	gaactgcacg	ctgcccttca	gtgaccaggt	ggtgttggtg	1560
ggcaccgagg	aagggctcta	cgccctgaat	gtcttgaaaa	actccctaac	ccatgtccca	1620

```

ggaattggag cagtcttcca aatttatatt atcaaggacc tggagaagct actcatgata 1680
gcaggagaag agcgggcact gtgtcttgtg gacgtgaaga aagtgaaca gtccctggcc 1740
cagtcccacc tgctgcca gccgacatc tcaccaaca tttttgaagc tgtcaagggc 1800
tgccacttgt ttggggcagg caagattgag aacgggctct gcatctgtgc agccatgccc 1860
agcaaagtcg tcattctccg ctacaacgaa aacctcagca aatactgcat ccggaaagag 1920
atagagacct cagagccctg cagctgtatc cacttcacca attacagtat cctcattgga 1980
accaataaat tctacgaaat cgacatgaag cagtacacgc tcgaggaatt cctggataag 2040
aatgaccatt ccttggcacc tgctgtgttt gccgcctctt ccaacagctt ccctgtctca 2100
atcgtgcagg tgaacagcgc agggcagcga gaggagtact tgctgtgttt ccacgaattt 2160
ggagtgttcg tggattctta cggaagacgt agccgcacag acgatctcaa gtggagtcgc 2220
ttacctttgg cctttgccta cagagaaccc tatctgtttg tgaccactt caactcactc 2280
gaagtaattg agatccaggc acgctcctca gcagggaccc ctgcccgagc gtacctggac 2340
atcccgaacc cgcgctacct gggccctgcc atttctcag gagcgattta cttggcgtcc 2400
tcatacagg ataaattaag ggtcatttgc tgcaagggaa acctcgtgaa ggagtccggc 2460
actgaacacc accggggccc gtccacctcc cgcaggtaac cagcttctcc tcttctcag 2520
taccaggggc aacgtgcttt tctgcaaggc agaagggaagt gatactaaac cagtagaatg 2580
tttcccaatc ttactttgt tcttaagctc aaaccattca tttgtttgcg atctgcggca 2640
ctgaaataac acagaccatt atgagcatca ggagaattag aaaataccac ctt 2693

```

<210> 1481

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (514)...(237)

<223> similar to gi2104571 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1481

```

gtgtttcctt gatcgcgtaa gtatttatatt acaaaactca gtcataaaat tataaatata 60
aggtgagggg aagctgttaa ccctattttt gttttgtttt gcttttaatt gtagactccc 120
tttactactaa acctcagaat atgggatatc tacatctttg aaggagaacg agttcttact 180
gctatgtctt acaccatctt aaaattacac aaaagtaaga aaatgcttaa actcttaaaa 240
tttcattaaa aattgaggct tatttaacct tgatttctca ttccccaccc acttcaactt 300
cattgtcttt taatagtggg ttaaattttt ttgaaaatc agtggagaaa ttatcatcaa 360
ttggtaatgt acttttgtaa gttctttctc atgactagaa gcttacttca ctgcaaaggt 420
ctttggttct tttctgttta tattagtgtc attttcacac ttttatagaa tgcagttagt 480
tggtttcact agtaatatatt ttcgttaagt atttgtttcc actgggatcc cttgtccttt 540
tcatcagtc gaatctcaag tttgcagtaa gagaagggaag accaaagaaa ccaggccccc 600
tagttcaaaa ggctggagag aacgttttct attactgttt ccttcatcca gggagaatag 660
caccagctg aactgtggtt gggagcacac agaccactt ctctacctca gtgcattatg 720
gcctctgggg caagttcagc cagtgtctat aggcagataa atggagcaag att 773

```

<210> 1482

<211> 397  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(398)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (99)...(256)  
 <223> similar to gi2338292 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1482  
 cttcgggtcc atttctcttc cctcagtggg aaggaatttt gatgttgggg tgggtggcag 60  
 tcnccgagac agtgtctccc cttccctact ttctgcagg gcgtggacga gtggatgtgg 120  
 ccagcctggc tgtggggctg acaggtggca tcctgctcat tgtcctggcc ggcctgggag 180  
 ccttttggtg tctgcgctgg cgacagcacc gaggccagca gccctgtccc caagagtaag 240  
 ggggcttcag cgaggagggg gtgggtggtg agagcagggg agggaggaag cattgacctg 300  
 aagggatgtg ctaaggattg ggggcaggca ggcactgatg aaagaccgaa ggacccagtc 360  
 atttgagag tgagtctgtg agctggcttg tgtatgg 397

<210> 1483  
 <211> 320  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (105)...(323)  
 <223> similar to gi436218 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1483  
 caagagcacg atgctgaagc actggagagt ggggctctgg ggtcagtgtt ggatcagagg 60  
 caagaggagg tgatgatgag gccctgtcct gactgacacc aaccctctcc cagtactaca 120  
 cctgcagctg tgtcctgggc ttcatgtcct gctccatctt cttgcagatg agcctgaagc 180  
 caaaggatcat gctgctgaca gtggccctgg tggcctgtct cgtgctcttc aacctctccc 240  
 agtgcctggc gcgggactgc tgcagccaag gcctgggcaa cctcactgag ccagtggtga 300  
 ccaacaggta gggccccgcc





<210> 1486  
 <211> 456  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(127)  
 <223> similar to gi5852834 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1486  
 ggcaaggcag gcggcgcggc cggcctcttc gccaaagcagg tgcagaagaa gtttagcagg 60  
 gcccaaggaga agtagacaag gcggttttggg aagacatgtc agccagaaga aagagcgagg 120  
 gaagaaagac aagaaggacc tgagatagag tttgggtttt cctttttttc tctctctctt 180  
 tattaagccc aacctgcctt ctacaacgga gaagttttgg ttttctaaga gctgatggac 240  
 ttagaagcat ttggatgaac agctctgctt accaactgaa atatccctat tatcttctaa 300  
 aagtggagca ctgctttttag ccctgggaag gcttaaaggc aaccagctct cccgagttga 360  
 tttatcagca gaaaactgat ggaatgtaga tgtagctcct gactttaaga gaccacaatg 420  
 gaaggagggt tatttttctat catttgaggt catgtg 456

<210> 1487  
 <211> 580  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (126)...(583)  
 <223> similar to gi4589532 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1487  
 ttaggtatcc agcccaggag cgaggagag gcgggagtcc tgggggtgag gcattgccta 60  
 cattgtcacc tgcccccaac ctccaagggg atgcagtaag gagagggaag tccatagccg 120  
 aaacacgagg ccgggagatg ctgatgccct cagtgaccct gcttgaggga aagctctgac 180  
 ccagtccagt gcctggctct ccacagatcg ctggcctccc caacgacaca ctgtcagtgg 240  
 agaacggggg catcaaccag ttttcccagc gctggaccca cttcattgac cctcagagcc 300  
 aggccaacaa atggatcaag aacatggaga aggacaatgg gctggatgtg ttcaagttga 360  
 gtgaccgcga ctctctgctc agcatggaga acgcatccg ctttggcaag ccatgtctcc 420  
 tggagaacgt gggcgaggag ctgacccag ccctggagcc agtgctgctc aagcagacgt 480  
 acaagcagca gggaaacacg gtgctgaagc tgggggacac ggtgatcccc taccatgagg 540

acttcaggat gtacatcacc accaagcttg ccaacccacg

580

<210> 1488

<211> 696

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(697)

<223> similar to gi3882211 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1488

ggcacgaggg	atggagaatt	atcctgtcga	gtttttcagc	ttatatcttt	aatggatacc	60
ggattgcctc	gatgttgtaa	tgagaaaata	gagcttgcaa	ttctgtgggt	cttggatcag	120
tttcgtaaaa	catatgttgg	tgatcaactt	caaagaacct	caaagaaaaa	aattgccaat	180
ccttaacata	aaagaagcac	accacttgct	gattgagctg	agatcaccac	tgactacatt	240
acttataaac	ctgaagacag	acatcttcct	gtgaagggct	tgtggcaaac	ctatccaact	300
cgggtttctt	cttccttgag	aacgatctga	ttcatcatca	tctgaaccag	ggatcacagt	360
ctaaggtcca	ggtatatgct	cgtatgtcag	aagtcttagg	aataacagat	gacaaccacg	420
ttctagagac	gttcatgaca	aaaatgtgaa	gatgaggatg	aatttgagaa	tttcatgctg	480
cctcttacag	ttgcttttga	aacagtatta	caaatattca	acaacaactt	taaacaagaa	540
gatgtaaagc	gtatgttgat	cgggctggca	agagatcttc	gagggattgc	ctttgcactg	600
aacacaaaaga	ccagctacac	catgctgttt	gactggatgt	acccaacgta	ccttcccctt	660
cttcagaatg	ctggtgaacg	gtggtatgga	gagcca			696

<210> 1489

<211> 545

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (159)...(464)

<223> similar to gi3242292 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1489

gaaagtgggtg	caggctgtgg	gattaactga	cctgccaatc	ttagaagtca	agctgcacag	60
ggctgttcac	tctggtccat	ctgggccctc	gcaccaggag	ctgggggggtt	tcttgtgaat	120
agcctgtcct	gaaaacacga	gtccctttt	atactcaa	atccccatcc	ccacctccct	180
gacaaatgcc	tgctgttttg	gccacggggg	gcagcatccc	agcctcccag	ccggctccga	240

gccatcctcc	ttctgtctcct	gctgttttcc	gtgcctggag	tgtctctttc	cctcctccac	300
ctcccgtgtc	tgcaaggactc	ccgcctgtctc	tctctgggct	ccttgtctcca	ggccccccacg	360
gtgggggtctc	gaactccggc	tctcagcaact	catgtgggttc	acacaaatgc	cgcttgccca	420
ggccgtgccc	tgcaacttgag	tcccctgtctc	tctcctcctc	agcggcagtt	ttgtttttttt	480
ccggaattctg	ataacaagca	acttctgggt	gtccccctggg	gccgagggca	agctttttcta	540
cgaaa						545

<210> 1490

<211> 552

<212> DNA

<213> Homo sapiens

<221> misc feature

 $\langle 222 \rangle \quad (2) \dots (239)$ 

```
<223> similar to gi5689487 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

tacgaagctt	aacccaaaga	tcatggatgt	gggctggcca	gagctccacg	caccgcccct	60
ggataagatg	tgtaccatat	gcaaggcgca	ggagtccctg	ctgaacagca	acctccagca	120
tgtggtcgtc	attcactgca	ggggcgggaa	aggacgcata	ggagtgggtca	tatcatccta	180
catgcatttc	accaacgtct	cagccaggta	ggatgaagat	gtcagctcgc	tgtcttgagg	240
tgctaaaagc	tgagcctgca	tggggctgaa	ggctgtctgc	gcgggagctg	ttctggatac	300
caagggctcg	gctgacctgt	gtttcccatc	ccccagtgtc	gggttggtca	gtgcctagaa	360
accagtttc	cagttaagcg	tttacacttg	tgaaagtggc	attttccagg	ttgggtgact	420
gtgtgattga	ttctaagtac	ttccatggag	gcattaaaaa	aataagtga	cccactgtcc	480
cttgttcttt	aatagagaat	tctctaataa	aaaataacag	agataaaagt	caccattatg	540
aaaaaaaaaa	aa					552

ggataagatg tgtaccatat gcaaggcgca ggagtcctgg ctqaacagca acctccagca 120

tgtgggtcgtc attcactgca ggggcqggaa aggacgcata ggagtgggtca tatcatccta 180

catgcatttc accaacgtct caqccaggta gqatgaagat gtcagctcgc tctcttgagg 240

tgctaaaagc tgagcctgca tgggagctgaa ggctgtctgac gagggaagctg ttctggatac 300

caagggctcg gctgacctgt gtttcccatc ccccgatgct gggtttggtca gtgcctagaa 360

acccagtttc cagttaagcg tttaacacttg tgaaaagtggc atttttccagg ttgggtgact 120

gtgtgattga ttctaagtac ttccatggag gcatttaaaaa aataagtgaag cggagtgtac 480

ggtggtggtggg	cccccaggccac	cccccttggag	gcattcaaaaaa	aataaagtcgac	cccactgtccc	480
cttggttctttt	aatagagaaat	tctcttaataaa	aaaaataaacag	agatataaaagt	gacgaatttttc	540

cccccccccc	atcagagatc	cccccaatca	aaaaataacag	agataaaaagt	caccattatg	540
aaaaaaaaaaaa	aa					552

552

<210> 1491

<211> 628

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$  $\langle 222 \rangle \quad (2) \cdot \cdot \cdot (36)$ 

```
<223> similar to gi5081459 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

Run with FASTXY 3.3t00, default parameters

<400> 1491

cattgtggcc agaatcatga gaggaggagc tgcagataga agtgggtctta ttcattgttgg 60

```

tgatgaactt agggaagtca acgggatacc agtggaggat aaaaggcctg aggaaataat 120
acagattttg gctcagtctc agggagcaat tacatttaag attatacccg gcagcaaaga 180
ggagacacca tcaaaagaag gcaagatggt tatcaaagcc ctctttgact ataatcctaa 240
tgaggataag gcaattccat gtaaggaagc tgggctttct ttcaaaaagg gagatattct 300
tcagattatg agccaagatg atgcaacttg gtggcaagcg aaacacgaag ctgatgccaa 360
ccccagggca ggcttgatcc cctcaaagca tttccaggaa aggtgagctg ctggtacata 420
ataatggctt ttctccagct gaccttttgt tctctgcaaa atatcattct ggcattgatg 480
tgataaaata tgctataaaa ccttgccctta gaatttttta tcctgtgggt ttggatttct 540
gttttgtcta actaagtatg atgaatgacc aaaaataata tgacagttct ggggtcatatt 600
agatttttgt tatgaagcaa atacgata 628

```

```

<210> 1492
<211> 171
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (14)...(146)
<223> similar to gi44415 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1492
ccccggcgag gggggggggg gttttccccc cccccccca aaaaattttt tttttccccc 60
aacccttaaa attttttggg gggggggggc cccaaattcc cccccccaa aaaaaggttt 120
ttttccaaaa aaccccccg gggtttttta aacccccccc caaaaaaaaa a 171

```

```

<210> 1493
<211> 841
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (14)...(843)
<223> similar to gi4589566 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1493
ctgacgattt cggcagcagg gatacttcag tagtgtgaat aagccatctg acgaggtgtc 60
cttttactag aaacgcacat ctgttactcc acatcagaga cttcattttg ttgataaacc 120
ctatgaatgt aaggaatgtg ggaaggcggt cagagtgcgc caacagctta cttttcatca 180
cagaattcat actggtgaaa aaccgtatga atgtaaggaa tgtgggatgg ctttcagaca 240

```

```

gactgcacac cttactcgac atcagagact tcattctggt gaaaaactct atgaatgtaa 300
ggaatgtggg gaagctttca tatgtgtgtgc agatcttaga gtacatcaga aaatgcatat 360
tggtgagaag ccctatgaat gtaaagaatg tgggaaggct tttagggtag gaggacaact 420
tactctgcat cagaggattc atactggtga gaaaccctat gtgtgtaaag agtgtggaaa 480
agccttttaga cagtacgcac acctgactcg gcatcagaag cttaatagtg ctgacaggct 540
ctatgaatgc aaagaatgtg ggaaggcctt tttgtgtggc tctgggtctta gagtacatca 600
caaaccttcat actggtgaga aaccctatga atgtaaggaa tgcggggaagg ccttttagagt 660
gcgacaacaa ctaacactcc atcagagaat tcatactggt gagaaaccct atgaatgtaa 720
ggaatgtgga aagaccttta gccgtggcta tcactcttatt ctccatcaca gaattcatac 780
tgggtgaaaa ccttacgaat gtaagggaatg ctggaaagcc tttagtcgct actcacaact 840
t

```

```

<210> 1494
<211> 689
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (370)...(684)
<223> similar to gi3874102 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1494
tactgtgtta agtacgttta tttgaatgat cccaatcaat ccttgcttat gagctaagta 60
cgacatatta ttacccccat tttactagtg aggaactcag gctctgcagg tgaagtcact 120
tgtcctgggt cacggagcaa tccaagccta actccagatt tctcttctta gctatgccat 180
atggactctc ggaactcagt gggactcaaa gtttgaggaa ggtgtttgat gaaggaaatg 240
aacccttgc ctgaaaaata tcagattctc gagcacgaaa taccagtccc tcacccccgc 300
caccctgatc taattcactc ctactgccat atgggaaata gaatgctcag aaggaaagcg 360
gcttgtctgc agtcacccgg cctagactct aaaggcaggc tcctatctcc gggccagggt 420
ccccctcat caatgccacc gtctccgggc gaccccccca cccctccat tgcgggggtcc 480
acctcgggac tgggtcggcc ctggggcagg ctctcaaggc cccaagggt gccatcccgc 540
gaatcccggc tgcagtacaa gctggaacct gaagggcaga gagtacctgc aggaggagac 600
cggaggaggc cagccgggcc gcgtggccca gcacctctg gctgcccata gcctccgcgc 660
caggctcaga cacctcgtgc cgaattcgt

```

```

<210> 1495
<211> 454
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(428)
<223> similar to gi3599478 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```

<400> 1495
cgccccgctgc aggaattcgg cacgagggga aaagggcggc ggcgtggacg aggacgagga      60
gatggatgag gtgagcctgc tgtccgagct ggtggaggcg gcctccttcc tgcaggtcac      120
gtccctgctg cagctgctgc tgtcccaggt gcggtcaat aactgcctgg agatgtaccg      180
cctggcgag gtgtacgggc tgcccagcct gcaggaggcc tgctgcgct tcatggtcgt      240
ccacttccac gaggtgctgt gcaagcccca gttccacctc ctgggggtctc ctccccaagc      300
tccaggggat gtcagcctga agcagaggct gagggaggcc cggatgactg ggactcctgt      360
cctcgtggcc ctcggggact tcctgggggg acccctggcc cctcaccctt accaagggga      420
gcccccgctc atgctcaggt acgaagagat gact                                     454

```

```

<210> 1496
<211> 884
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (69)...(881)
<223> similar to gill196814 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1496
gtgtaccttt ccagggcggg aatacacccc tcctccactt caagactaaa ttgggtgttt      60
gcttcagatt ccagtcagag aaggaaacag gggatcgga ttatgccatc ggctattatc      120
tcaaggaaaa gaaggtaacc agaagaggcc ggaagagaaa gtccctggga attctgctgc      180
tagtggaagg gcagtagggg ttgggggctt cagctgagac cctgacagtg tgaaagggtc      240
gatgtcctga agagaaatgc tctcccctct ctctccttga gtgctttcct aagggggtgg      300
acatgatggc tgcccttgat ctctacttcc agctgtgttc tgtggagggtc acttgtgaat      360
caggcagtgat catggcagcc accctcgcca acggtgggat ctgccccatc acaggcgaga      420
gtgtgctgag tgctgaagca gtgcgcaaca ccctcagcct catgcattcc tgcggcatgt      480
atgacttctc tggccagttt gccttccacg tgggcctgcc agccaagtca gctgtatcag      540
gagccatcct cctggtggtg cccaatgtca tgggaatgat gtgcctgtca ccccatattg      600
acaagctggg gaacagccat agggggacca gcttctgcca gaagttggtg tctctcttca      660
atttccacaa ctatgacaac ctgaggcact gtgctcgga gttagacca cggcgtgaag      720
gggcagaaat tcggaacaag actgtggtca acctgttatt tgctgcctat agtggcgatg      780
tctcagctct tcgaaggttt gccttgtcag ccatggatat ggaacagaaa gactatgact      840
cgcgcacagc tatgcatgtt gctgcagctg aaggacactg tatt                                     884

```

```

<210> 1497
<211> 547
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (30)...(550)

<223> similar to gi3880991 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1497

acgccagctg	gccgagtg	gggcccga	tccaactttg	ctgacgggta	tacattctgg	60
tggttcgtgg	catcgctc	ttctccgtgt	actgccgcct	gcagggccgc	tcccaggagc	120
tcgtgcgcat	cgtgagcg	gaccgccggg	tgcgcagccg	acacgccaag	gtgggcacgc	180
tgggggaccg	tgaggccatc	ctgcagcgcc	tgaccacact	ggaggagggtg	gtctacaacc	240
agctcaacgg	ccttgccaag	cccatcggcc	tggtggagg	gccaggagggt	ctgggccagg	300
gtggccttgg	ggccaccctg	cgtgatgacg	gccaggaggc	ggaaggcaag	tatgaggagt	360
acggctacaa	cgctcagctc	agcgaccgca	tctccctcga	tcggagcatc	cccgaactacc	420
ggcccagaaa	gtgcagacag	atgagctacg	cccaggacct	gccccagggtc	tccgtgggtct	480
tcattcttcgt	caatgaggcg	ctgtcgggtca	tcttcgcgtc	cgtgcacagc	gtgggtcaacc	540
acacgcc						547

<210> 1498

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (83)...(264)

<223> similar to gill142706 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1498

tttacattaa	tattactgtc	taattttgat	atgagacaga	tatttgaagc	tactaaggac	60
tgactactct	gttcaactttc	agagtgaactt	agtagaagaa	tattttgaag	ctcacagcag	120
ttcaaaagtt	ttaacctctg	atagaacact	gcagaagcta	aagagagcta	aactggatca	180
ggatatgttac	aaggaatggt	acttctaaat	tttttttact	ctgtcctgaa	aaatatgcta	240
cgtaagcaac	agatttgaaa	agtatacaca	agtagaatta	ttgtcctgat	caaatagaac	300
acaagttaat	gtgattatta	cttcttttat	tatataaata	gtaaataggc	cgggcacacc	360
tggtctatac	ctgtaatctc	agcaccttgg	gaggccaagg	gaggaggatt	atgtgaacac	420
aggagtttga	gaccagcctg	ggcaatatag	ggagacctcg	ttgttactaa	aaatttaaat	480
aaataaataa	ataatttact	ggattagaca	gactgtaatt	atgcattttt	cccctcttac	540
tcgtttatta	tttcttcagg	atctatgata	atcatcagg	tcatagttcc	ttgatattcca	600
tttaccattt	atctctgtta	ttcatttaac	ctatatgtat	tactaaatc	tcacactgggt	660
cataaaacag	caactgcaac	ctgactttct	ctcagttaaa	aactttgcac	aaagtagagg	720
atattctgct	tgaggatatt	atggaaaacc	tgcccagtg	ggtaaggtaa	caagattact	780
atgtaccatg	gttccagtag	ctcattttac	aaaaaaaaa			820



<210> 1499  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (212)...(373)  
 <223> similar to gil477565 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1499  
 attcttattt gaaagcatct cattgcttct gcatttagta tcacatctcc ccattttctc 60  
 ataatagact cgtttttctc tgtgtttgta atgatttctc tagtttgtgt aaattattct 120  
 ctgtattgtg tacatgatgc accttatttt gtctacatta tttccgtac cttcctccc 180  
 tctttccctc acttgcttct tcctgtggca ttctgatctt tattaaagct tcccaacttt 240  
 ttggtcgcct agtgatactc cattgtataa tctggaaccc tgtgaaccat tgccgtttga 300  
 tgtggcgcca ttccgaggcc tgacggcttc tgtgctgctg gacctaacat atttactgg 360  
 cgttcatgaa a 371

<210> 1500  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(398)  
 <223> similar to gil789013 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1500  
 aaccgattac gtgttgatga tgaaaatgga cgagcaaaac atgcagggcg gaaattcgct 60  
 gctgctgcat ctogatgact gggaacatct cgacaactat ttccgccacc cgctggcgcg 120  
 tcgcccgatg cgctttgccg cgccgcccag taaaaacgtc agcaaagatg ttttcatcc 180  
 ggtgttcgac gtcgatcaac agggtcgccc ggtgatgcgc tatatcgacc agttcgcca 240  
 gccgaaagac ttcgaagaag gcgtgtggtt gagcgagctt tccgacgcca ttgaaaccag 300  
 caaaggcatt ctttctgtgc ccgttccgt tggcaaattc ctgttgatta acaacctgtt 360  
 ctgactgcac ggtcgcgacc gctttactcc gcaccc 396

<210> 1501  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (15)...(278)  
 <223> similar to gi407097 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1501  
 tagcctggga acctgaccat ccttgcttct cggggcagat ggaggacaag ctggcctggg 60  
 agagacacac atttgaagag cggataagca gggctcctga gatcctgggtg cggctgcat 120  
 cccacaccgt ctgggagagg atgtctgtga aactctgctt caccgtgcaa ggatttccca 180  
 cgcccgtggt gcagtgggtga ggggctctgt tcccaggggg tgaagaagtc cattctgcgt 240  
 tttctttcag aaagacccca gttaaggaga caaacgccat tgaacctgtg ctggaggcca 300  
 cttaccttga aactctaagc agaaatatgt ttatagaagc tctgaacggt cactttaaa 359

<210> 1502  
 <211> 633  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(607)  
 <223> similar to gi304975 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1502  
 tccacccaat aggagggttg tagcgggggt caccgtccgg cagtgaaagg cggttacttc 60  
 ccggttccac cggtagactc ggctcaggat attcgttctg aaatgtgtct ggtgatggaa 120  
 cagatgggtc tgggtggttg agcccatcac cacgaagtag cgactgctgg tcagaacgaa 180  
 gtggctaccc gcttcaatac catgaccaa aaagctgacg aaattcagat ctacaaatat 240  
 gttgtgcaca acgtagcgca ccgcttcggt aaaaccgcga cctttatgcc aaaaccgatg 300  
 ttcggtgata acggctccgg tatgcactgc cacatgtctc tgtctaaaaa cggcggttaac 360  
 ctggttcgag gcgacaaata cgcaggctctg tctgagcagg cgctgtacta cattggcggc 420  
 gtaatcaaac acgctaaagc gattaacgcc ctggcaaacc cgaccaccaa ctcttataag 480  
 cgtctggtcc cgggctatga agcaccggta atgctggctt actctgcgcg taaccgttct 540  
 gcgtctatcc gtattccgca ggtctattaa ggaggagcac gtcattgtta tgctagctct 600  
 cccgatctcc gggtagcgac attgaatccg taa 633



taaattaccg	attggcgaaa	tcaggcagcc	caatgcgacg	ctcgatctca	gccaaagcgt	180
tgataatgag	tattactgtc	tgctgctggc	gaaagaactt	gggttgaatg	ttccggacgc	240
agaaatcatt	aaagcgggaa	atgtgcgcg	gttagcggtc	gaacgttttg	acaggcggtg	300
gaatgctgag	cgaacggttt	tacttcgctt	gccacaggag	gatatgtgtc	agacattcgg	360
tttaccttca	tcggtgaaat	atgaatcaga	tggaggccca	ggcatcgcg	ggatcatggc	420
ttttttgatg	gggtccagcg	aggcgctgaa	agatcgctat	gattttatga	aattccaggt	480
cttccagtg	ttgattggcg	caacggacgg	tcatgcaaaa	aacttctccg	tatttattca	540
ggctggcggc	agttatcgac	tcacgccatt	ttatgacatc	caagcagcat	aagcgggtcta	600
tggcgggtgcg	ggtatcagcc	tcagcgatct	acgggtcgga	cgattgaatt	cgtagt	656

<210> 1505  
 <211> 765  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (24)...(738)  
 <223> similar to gil651448 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1505						
ttcccgggtc	gacgatttcg	tcggacttaa	ccgccgactg	cgccgccgaa	tggctggaaa	60
ccttccaggg	gaaagagctg	gaagcgactg	aaaaaatgct	ctctcttgag	cagaaaatga	120
gcatggcgca	aaccgcgcac	agccagtttg	agcaggctta	tcagctgggtg	gtggcaatca	180
acggcccact	ggcgcgtaac	gaggcggtgg	atgtcgctcg	cgaactattg	cgcgaaagggg	240
tcgatcagcg	tcacctggca	gagcaggttc	agccgctgcg	gatgcgatta	agcgaactgg	300
aacagcgtct	acgcgagcag	caagaagctg	agcgtctgct	ggcagatttc	tgcaaacgtc	360
agggcaagaa	ttttgatatc	gacgaactgg	aagccctgca	tcaggaactg	gaagcacgca	420
ttgcctctct	ttccgatagc	gtgtctaacg	cccgtgaaga	gcgcatggca	ctgcgccagg	480
agcaggaaca	gctgcagtct	cgcattcaga	gtttgatgca	gcgtgcgccg	gtttggctgg	540
cagcgcaaaa	cagtctcaac	cagttgagcg	aacagtgcgg	cgaagagttt	acctccagcc	600
aggacgtcac	cgaatatctg	caacagttgc	tggagcgtga	gcgagaggcg	attgttgaac	660
gcgatgaagt	gggcgcgcgc	aatatcccg	aagacgaata	agttgggtgt	ctacagggtc	720
ttgccgggttc	tgacgttgta	caggtacgga	catcgaatgc	gtacg		765

<210> 1506  
 <211> 427  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(403)  
 <223> similar to gi4062298 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 1506
aaatcatcac acctgatgcg atggggttgcc agaaagatat tgcagagaag atacaaaaac      60
agggaggtga ttattttattc gctgtaaaag gaaaccaggg gcggcttaat aaagcctttg      120
aggaaaaatt tccgctgaaa gaattaaata atccagagca tgacagttac gcaatcagtg      180
aaaagagtca cggcagagaa gaaatccgtc ttcattattgt ttgcgatgtc cctgatgaac      240
ttattgattt cacgtttgaa tggaaagggc tgaagaaatt atgcgtggca gtctcctttc      300
ggtccataat agcagaacaa aagaaagagc cagaaatgac ggtcagatac aatatcagtt      360
agttgggtat cgccggggat atatcagtca cagcgatctc cgggacggac gattgaatct      420
cgtaatc                                         427

```

```

<210> 1507
<211> 465
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (338)...(467)
<223> similar to gi407097 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1507
ccagggtcag tgcgttaggt cccgcagaac tccctgagac actagctaca ctgcagctta      60
agtaggcggg tccgggatcc agcaccaggt gtttcttatg gaatgacaag tcctgaattc      120
ctaacaaagg tcaggcaggt gtttgatctg tcgaatgggg aatcccctga gagtctgaac      180
gaggaaagcg ctgctctcgc cttagaaagc aaaaccagtg cgagctctgg gcctcaccgt      240
cagggctctg tcctcctccc gcctgaggct ctaagggaaa cctgcagaaa tgggcagcag      300
gcgcggggga gctggggcag aattgcacac acacaaacta caactctgcc tttaaactaa      360
aaacatgcct ccctcattta ggtacaaaga tggcagtctg atttgccagg cggctgaacc      420
gggaaagtac aggattgaga gcaactatgg cgtacacaca ctgga                                         465

```

```

<210> 1508
<211> 376
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(379)
<223> similar to gi2879920 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1508
gcactgggtt cagccagggc acgacactgg cctttgtcat ggctgcagga tttattgcag    60
atacggccag cctgccgctc attgtttcta acctggtgaa tatcgtctcg gcggacttct    120
tcggtctgag ctttgcgcag tacgcctccg ttatgatctc cgtggatgcg gcagcgattg    180
cggccacgct gattatgctg tatctcttct ttcgcagagt tattccggca acgtattaag    240
tttcgctgct gaagacgcct gccagtgcga tcaaggatct ggcaaccttc agggcgggct    300
ggattgtcct gttattgctg cttgtcggtt tcttctttct ggagccgcag ggaatcctgg    360
tcagtgcgat atcgtc                                     376

```

```

<210> 1509
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(431)
<223> similar to gi404845 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1509
acccgtacaa cgcgggggatt gcgaaaagcc tgactcattc caaataaggc gaattgtgga    60
ccttcaccct gcgtgatgac gtgaaattct ccaacggtga accgttcgat gccgaggcgg    120
cggcagaaaa cttccgcgca gtgctcgata accgtcaacg tcacgcctgg ctggagctgg    180
caaaccagat tgttgatggt aaagcactca gtaaaacaga gctgcaaatt accctgaaaa    240
gcgcctacta tcctttcctg caagaactgg ccctgccccg tcctttccgt tttatcgctc    300
cctgcgagtt taaaaacat gaaacatga acggaattaa agcgcgcgatt ggcaccggac    360
cgtggatttt gcaggaatcg aaactgaatc agtacgatgt cttcgtccgt aacgaaaact    420
actggggg                                     428

```

```

<210> 1510
<211> 336
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(336)
<223> similar to gi290506 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1510
gccgcctgaa agcgaaagga ctgaaaatct gcgtctggat taacccttat atcgggtcaaa    60
aatccccgt  ctttaaagag ttacaagaga aaggctatctt actcaaacgc ccggacgggtt    120
cgctatggca gtgggataaa tggcagccag gtctggcgat ttatgacttt accaatccgg    180
atgcctgcaa atggtacgcc gacaaactga aaggctctggt cgcgatgggc gttgattgct    240
ttaaggccga ctaaggcgaa tgtgtcgcgt catatgatca gtgtttcagc ggttccgatac    300
tacgggtacg gacattgaat tcgtaatgat ggtaac                                336

```

```

<210> 1511
<211> 262
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(237)
<223> similar to gil651455 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1511
agacacttac ccgatggcgg caaaacgccca cagcattgag tatctgcgtg aagtcgctca    60
cctgcgtccg cgcacaaacc tgattggtgc cgtcgcgcgc gttcgccata cgctggcgca    120
ggcgctgcat cgcttcttta acgagcaggg attcttcttg gtttcaacgc cactgattac    180
cgcatatgat acctaagggtg caggcgaaat gttccgcgtc tgtccgctgg atctccgggt    240
acggacctcg aattcgataa tg                                262

```

```

<210> 1512
<211> 155
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(153)
<223> similar to gi42540 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1512
tggttatggc tgcattacag caatcgttct ggtcgcagtg aattgtcgca aagtgagcag    60
cagcgattag cgcaactggc tgatgaagca aaacggatgc gcgatcgtat tcaggcgagcag    120
taatctgttt ttgacgcggg tcatcccagc cggag                                155

```

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```
<210> 1514
<211> 508
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(463)
<223> similar to gil651557 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

920



094022 in 111 of 100

094022 in 111 of 100

094022 in 111 of 100

094022 in 111 of 100



ccaacactgc agtggagata accacctttg cgataatgag agacagacca gag

593

<210> 1519

<211> 677

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (244)...(678)

<223> similar to gi4481810 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1519

aacacaacca	agttttgaca	ttccagtttc	gaccaggctg	aaatttccca	cagtgaatcc	60
gaacatctcc	cagctaggga	ttctccttca	cttagtgaaa	atcccacaac	ggatgaagat	120
gacagtgagt	atgaggactg	tccagaggag	gaggaagacg	actggcagac	gtgctcagaa	180
gaagacggtc	ccaaggaaga	ggactgcagc	caggactgga	aggaaagctc	tactgcagat	240
tctgaggctc	ggagcaggaa	aacccacag	aagaggcaga	tacacaattt	tagccatctg	300
gtatccaagc	aggagttact	ggagctcttt	aaggagctac	acactgggag	aaaggtgaaa	360
gatgggcaac	ttacggtcgg	actggtgggc	taccctaata	ttggttaagag	ttcaacaatc	420
aacaccatca	tgggcaacaa	gaaagtatct	gtgtctgcc	cacctggtca	cacaaagcac	480
tttcagactc	tctatgtgga	gcctggcctc	tgctgtgtg	actgtcctgg	cttggtgatg	540
ccatcttttg	tgtctaccaa	ggcagaaatg	acttgcagcg	gaatcctccc	aattgatcag	600
atgagagatc	atgttcctcc	tgtatcacta	gtttgccaga	atattccaag	acatgtttta	660
gaagctacct	atggcat					677

<210> 1520

<211> 993

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(994)

<223> similar to gi32460 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1520

cgtggccgat	accgggaatt	ctaccagtgt	gattttgaca	ttgctgggaa	ctttgatccc	60
atgatccctg	atgcagagt	cctgaagatc	atgtgcgaga	tcctgagttc	acttcagata	120
ggcgacttcc	tggtaaggt	aaacgatcga	cgcattctag	atgggatgtt	tgctatctgt	180
ggtgtttctg	acagcaagtt	ccgtaccatc	tgctcctcag	tagacaagct	ggacaaggtg	240

**00000000000000000000**

<400>	1521					
gcttgc	ccatcgggga	catacaaacc	tgaaggctca	ccaggaggaa	tcagcagttg	60
ccatgt	cctgatgaaa	atcacacctc	tccacctgga	agcacatccc	ctgaagactg	120
cgcaga	gagggataca	gggcatctgg	ccagacctgt	gaacttgtcc	actgccctgc	180
agccct	cccgaaaatg	gttactttat	ccaaaacact	tgcaacaacc	acttcaatgc	240
gtgggg	gtccgatgtc	accctggatt	tgatcttgtg	ggaagcagca	tcatcttatg	300
cccaat	ggtttgtggg	ccggttcaga	gagctactgc	agaggggatgc	aaactgccaa	360
cattgc	ttattttactg	tcttgctcga	tttccttgat	ttagactcta	gtaaaccagt	420
ctttca	ttttcttttg	gatgtcatag	acccatact	acggaacgag	aaaaattata	480
agttga	aatcacaatt	accaagttca	attgaccaca	taattgtaaa	ctacgccttt	540
gccctt	ttatgaa					557

924

Run with FASTXY 3.3t00, default parameters

```

<400> 1522
cgcagttaga ctcccagagc caggaagtaa gttcccaagg tcacatcaga agccaactgc      60
atggctgtgt gaggacccat gcctcctgcc ttccagggtta ggggtctatt ccctaaaacc     120
accccttcaa gcttaggaac ccaggaggac caggagtggg tccagtggcc atgataccag     180
ggatgagggg ccacaaaacc ttctgggttaa ctctccattt gggtagggct caactctctc     240
tggacacatt aatttctcta caatccttcc ttggctcgcg gggctcatac agctcaaaca     300
ggagggaaaag catctctggg agcaggcagc ctcatgtgtc tgattcgctg ctcaattcca     360
ggcaaaacta caagaattac tccatggagt caaggacaca ctttcgaatc caggcagcca     420
cactccaagc  caa                                     433

```

```

<210> 1523
<211> 724
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(726)
<223> similar to gi5712756 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1523
gggtaacact gtgatgtttc agcacctgat gcagaagcgg aagcacaccc agtggacgta      60
tggaccactg acctcgactc tctatgacct cacagagatc gactcctcag gggatgagca     120
gtccctgctg gaacttatca tcaccaccaa gaagcgggag gctcgccaga tcctggacca     180
gacgccggtg aaggagctgg tgagcctcaa gtggaagcgg tacgggcggc cgtacttctg     240
catgctgggt gccatatatc tgctgtacat catctgcttc accatgtgct gcatctaccg     300
ccccctcaag ccaggacca ataaccgcac gagcccccg gacaacaccc tcttacagca     360
gaagctactt caggaagcct acatgacccc taaggacgat atccggctgg tcggggagct     420
ggtgactgtc attggggcta tcatcatcct gctggtagag gttccagaca tcttcagaat     480
gggggtcact cgcttctttg gacagaccat ccttgggggc ccattccatg tcctcatcat     540
cacctatgcc ttcatggtgc tggtagccat ggtgatgcgg ctcatcagtg ccagcgggga     600
ggtggtaccc atgtcctttg cactcgtgct gggctggtgc aacgtcatgt acttcgcccg     660
aggattccag atgctaggcc ccttcaccat catgattcag aagatgattt ttggcgacct     720
gatg                                     724

```

```

<210> 1524
<211> 347
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (3)...(83)  
 <223> similar to gil469870 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1524  
 cgagtgcacg gaggactgca acagaggagt gggggactga agattggaat gaagattggt 60  
 ctgagccaga acatttcaca tatgttatat gaaggagact gggcatgaac aggactctgt 120  
 ggaaccacac tatggaaagg gcaagtgcac ttgtgtaagt ccaatatctg attgtcggat 180  
 ttatcccagg aagagattgg tggttgggta gggcaccaga agtggagtta ggcaggtagt 240  
 gcattgagta acagctgctg gtggtacatg actacttggt gcatttaagt atttgctata 300  
 aggtcctgta atggattggc agtggatcca aagcgagtgt tgtggta 347

<210> 1525  
 <211> 439  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(440)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1)...(320)  
 <223> similar to gi5262748 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1525  
 cacgaacacg ccactgtgtg ctgcaaagat gagaacggct ggcacgagat ccaccaggcc 60  
 tgcaggtagc ggcacgtgca gcacctggag cacctgctgt tctacggggc agacatgagt 120  
 gcccagaatg cctcggggaa cacggccttg cacatctgcg ccctctacaa ccaggacagc 180  
 tgtgcaagag tgcttctgtt tcgaggcgga aataaggagt taaaaaacta caacagccag 240  
 actccatttc aggtggccat aatagcaggc aactttgagc tggcagaata catcaagaac 300  
 cacaaggaaa cagacattgg tgagtaggca cgtggagaaa ctgtgttggg atttggtttg 360  
 gagatgctct gaggaatcag ttcactcacc agctttttta aaattctcct tagnttgggt 420  
 ttaggagcct gcttttagc 439

<210> 1526  
 <211> 439  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(341)

<223> similar to gi3713994 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1526

gagtaccgtg	ttggtgaggg	catcaccctc	aaccaggtgg	ctgtgggctg	cgagtgccag	60
gactgtctgt	gggcacccac	tggaggctgc	tgcccggggg	cgtcactgca	caagtttgcc	120
tacaatgacc	agggccaggt	gcggcttcga	gccgggctgc	ccatctacga	gtgcaactcc	180
cgtgcccgt	gcggctatga	ctgccccaaat	cgtgtggtac	agaagggtat	ccgatatgac	240
ctctgcatct	tccgcacgga	tgatgggcgt	ggctggggcg	tccgcaccct	ggagaagatt	300
cgcaagaaca	gcttcgtcat	ggagtacgtg	ggagaggtag	ggagatggga	cccgggtgtg	360
gtgtgcagct	cttcccaccc	tgtgttcaca	gtgtgcaccc	ggctctcctc	actgtgtgtc	420
tgaaactccc	tgctttccc					439

<210> 1527

<211> 435

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(133)

<223> similar to gi1853980 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1527

gagaaagcag	cagctgccaa	catagatgaa	gtgcagaagt	cagatgtatc	ctctacaggg	60
caggggtgtca	tcgacaagga	tgcgctgggg	cctatgatgc	ttgaggtagc	acatcttcat	120
tttagtgctg	tattttaaaa	tcttgttgat	cttcacatta	ttacatttaa	tttcaggtga	180
atataattta	aggagaatcc	acactagtag	tagtactatg	gacctcttga	gcttgctgat	240
atgcctgtgt	gtctctatgt	atgttttggc	tcctgctgcc	agtatatgtg	tgtttgaaat	300
taacatagaa	ttaaaattaac	tagattagag	tagacattgg	caagttgtaa	ttgccagttg	360
agcattttatt	tgaaaaactg	tattcacaag	tcctactaaa	ttctgtgttg	attttagctt	420
gaaatgttct	caaaa					435

<210> 1528

<211> 512

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(454)  
 <223> similar to gil890664 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1528  
 ggacatagag cacactgagg gcaagaggta cttcacctgg gacaaaaaca gattcccaaa 60  
 cccaagagg atgcaagagc tgctcaggaa caaaaagcgt aagcttgtgg tcatcagtga 120  
 tccccacatc aagattgatc ctgactactc agtatatgtg aaggccaaag atcagggtt 180  
 ctttgtgaag aatcaggaag ggggaagactt tgaaggggtg tgttgccag gtctctctc 240  
 ttacctggat ttaccaatc ccaagggtcag agagtgggtat tcaagtcttt ttgctttccc 300  
 tgtttatcag ggatctacg acatcctctt cctttggaat gacatgaatg agccttctgt 360  
 ctttagaggg ccagagcaaa ccatgcagaa gaatgccatt catcatggca attgggagca 420  
 cagagagctc cacaacatct acggttttta tcatgtaaga catccaaaaa gaattaaact 480  
 gggcttgtgt gaccacactt ttggctgaaa aa 512

<210> 1529  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (210)...(348)  
 <223> similar to gi56463 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1529  
 tgctctgaa aattcatgga gtgtcagttt tgtccaccag catgcagaac aatattaaca 60  
 tttaaagcac tgaaaacaat taagaaaatg cgtcagctgt actgagagca ggggtgcagag 120  
 attcgggggtg gcagtgggag tgtattggct tctaacattt cctgtctttg ctctctctt 180  
 ccctgttatt ttttgtttct tgggtggccag aactctccat gccttccgat cagtacgagt 240  
 tgcagcttca gaacagcatc ccgggccccg aaggagacct aaccgggccg gtggctgtct 300  
 tggcccagga cagctcgatg gtcactgcac tgcagctggg acaga 345

<210> 1530  
 <211> 423  
 <212> DNA  
 <213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(418)  
 <223> similar to gil657758 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1530  
 cctgaagtac ttgagcaact aagtggattg aaagagtttt ggatggatgc taatagactg 60  
 actttttattc cagggtttat tggtagtttg aaacagctca catattttgga tgttttctaaa 120  
 aataatattg aaatggttga agaaggaatt tcaacatgtg aaaaccttca agacctccta 180  
 ttatcaagca attcatttca gcagcttcct gagactattg gttcgttgaa gaatataaca 240  
 acgcttaaaa tagatgaaaa ccagttaatg tatctgccag actctatagg agggttaata 300  
 tcagtagaag aactggattg tagtttcaat gaagttgaag ctttgccttc atctattggg 360  
 cagcttacta acttaagaac ttttgctgct gatcataatt acttacagca gttgccccca 420  
 gtt 423

<210> 1531  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (4)...(370)  
 <223> similar to gil81374 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1531  
 cagatgatcg actcccagaa ttccaaagaa acaaagtcct ataaagctct gtctgatctg 60  
 gagcttgtgg ccaggtcaat tatcatcatt tttgctgcct atgacacaac tagcaccact 120  
 ctccccttca ttatgtatga actggccact caccctgatg tccagcagaa actgcaggag 180  
 gagattgacg cagtttttagc caataaggca cctgtcacct acgatgccct ggtacagatg 240  
 gagtaccttg acatggttgt gaatgaaacg ctcagattat tcccagttgt tagtagagtt 300  
 acgagagtct gcaagaaaga tattgaaatc aatggagtggt tcattcccaa aggggttagca 360  
 gtgatggtt 369

<210> 1532  
 <211> 481  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (84)...(232)

<223> similar to gi4240307 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1532

```
aataccctgt aagggtctga ataaatgaat gagtgagggg atgaacgccc aactccagtc      60
acatggtctc tgacttctgt ctgcagggtg ggggtcaagg gtcctcaca ggctccttga      120
ccgaagccgc cgagcattac tcctgtgtct ttgatcacat cgcagtgcc aacctcacttg      180
tccagcctgg tgtcttacgc tgctactgtc ccggtatgag gattgggaac cgtagcgggg      240
gggactgaca tgtgggcagt taggacagat caggacctcc aggcctccag aaagcactgg      300
gaacaaatgg gttgttttga gagcacaagg acttcatcca gtccctgaggt tgagcccca      360
gctctcccag caggcagaag agcccagact taggtgtcag aagatcgagg ttcctgtcca      420
agaagtctac ctcttagctt accaatgacc tcagatgagt ctgatctctc tgaagccctt      480
g                                                                                   481
```

<210> 1533

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (177)...(324)

<223> similar to gi5917657 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1533

```
tgaagtactt ttcaagcctc tggttcgtacc acatttgctg atgccccact ggctggaaaa      60
agaccagtc agagagaccg tgggaagacc actacctcag ggcatggatg gagggaggag      120
agtaatgtgt ggtcattttt gcagtctact ccaaactccc ttacaattt ggactgtttt      180
taggggagtc caatataaat tataacacgg atctgtacaa ttgcacattc cctgcactca      240
tcgaagactg gcgtgaaacc ttccaccgtg gttcccaggg gcagacggag cgtttcttcc      300
catttgagct tgtccaggta cgatgtgggt aaaggcttct ctgttcatgt caacacc          357
```

<210> 1534

<211> 352

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5)...(339)

<223> similar to gi4581563 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

001210"52288460

<400> 1534  
attgtattgt gattgctttg caaatgggtga attttgcaac aactgcaatt gtactaattg 60  
ttacaacaat ttggaacatg aaaatgaaag gcaaaaagca ataaaggcat gccttgacag 120  
aaatccagaa gcctttaagc ctaagatagg gaaaggaaag gagggagaat ctgatcgacg 180  
tcatagcaaa ggggtgaatt gcaaacgatc aggatgtctt aaaaactact gtgaatgcta 240  
tgaggcaaaa ataatgagtt cctcaatatg caaatgtatt ggctgtaaga attttgaaga 300  
aagcccggaa aggaagacat tgatgcattt ggcagatgca gctgaagtaa gg 352

<210> 1535  
<211> 350  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(285)  
<223> similar to gi296532 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1535  
actcctggag taatccaacc attgcacatt aaatccaaga caagtcaaag tcatctcgaa 60  
ttcggttccta aaggaagtat ctatgcacct ccaaataaca gattcaaaga caaaccaccc 120  
cataacttaa ccatttatTT tggaagtgtc tactatgtac ttacaaggaa gttttagtag 180  
ttcatactga ctgacatcca tgcaaaagac atgcttcagt ggtccaaaga catccgcagc 240  
ccagagcaac actactgggt gaccctgaac cgactaaaag gtaagaaaga cccaccgata 300  
tggatgcccg tgcagtcagc agcaacagca gcagatagat tgattgattg 350

<210> 1536  
<211> 363  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (11)...(359)  
<223> similar to gi5419882 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1536

```
actggaagtg ccttcagagg tcaccccttt gggctttgcc atgcaggcta caaagactct 60
cctcctcaga acatgctgct tgcaggaatt caacatcatg gaaaagaata aaggatgggc 120
tctcctggga ggaaaagatg gccatcttca gggactatth ctccttgcca acgcattgct 180
ggaaagaaat cagctccttg cacagaaggt catgtactta ttagtccctc ttcttaaccg 240
agggaatgat aaacataaac tcacatctgc aggctttttt gtggagcttc tccggagtcc 300
agtggccaag agactgccca gcatatactc tgttgcccgc tttaaagact ggctacaaga 360
tgg 363
```

```
<210> 1537
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(77)
<223> similar to gi5916179 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1537
gtggagggcc tgcttatggt cccccaccgt cacttcatgc acgagaagga cgttatgagc 60
ggagacttga tgggtaagtt ccaaggtttc tgtaggcagg tattttgtat ttgatatggt 120
gagaaacaga aactcatatt taggggcccc agatggattt aaagttttgg gcattctcaa 180
tgtttcctat tttgggttgg aaacggaagt gatttatatc ccaatggctg gtatcttatg 240
gaatcgtaga ggatatttcc tgcagctgat tggatatctg ttcctgagat ataatgtgat 300
ggaagatttc ctatggaagc ttcatttttg gagttacctg tcttctagaa ttacttattc 360
cttctcttgg ataatgttaa gtccttcctt ggatatatcc cttg 404
```

```
<210> 1538
<211> 368
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (297)...(371)
<223> similar to gi3097312 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1538
cttaattgtc acttagtaat tcaagcataa agcaaaatgt ggcattggaaa ttcaaataatg 60
aaaaatatga tgagatatgg tcaggtgatt ctatttcagt atagaataaa tgcattgatgg 120
ggatgggggg ctaacagttt attgatatga tctgggtaca agtgtgttca ctttgaaatt 180
```

```
tcatcaagtt gtatatatat gggttatgtg cttactgtgt gtatgccata tttcaattaa 240
attaaaaaaaa attgttatta aagtatgaag aaacttacct tcttttctct ttcaaggaga 300
tgattattga cagagtaaatt ggacaggctg ttcctagata tttgatatat gacataatta 360
aattcaat 368
```

```
<210> 1539
<211> 338
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(327)
<223> similar to gil216313 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1539
gaaacttttg aagaattaat tgactgctct ggggggtgta ttctaggagg tttggtggat 60
gcacacacac atccagtatg ggctgggtgaa agagttcacg aatttgcaat gaagttggca 120
ggagccacct acatggaaat tcaccaggcc ggaggaggga tccactttac cgtggagcgc 180
acgcgccaaag ccacagagga ggagctgttc cgctccttgc agcaacggct ccagtgcattg 240
atgaggggctg gcaccacgct ggtggagtgc aagagtggat atggcctcga cctggagacc 300
gagctcaaga tgctgcgcgt gattgagcgc gcccggcg 338
```

```
<210> 1540
<211> 377
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(122)
<223> similar to gi2224685 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1540
agtttctca tgagtctgct agattgaaga aggcctgtga aggaatgata aacatctatc 60
ctactgtaca gtatccatta gaagtgtttt gtttgcattt aattgaatca ggtaatttct 120
tccttattat agtgtgtgtc ctagagggtgt gtgattatgt gagtgatgtt attaatcaaa 180
aaatgtttta gtgtctacca tgtttaaggt gttgtttctg tgtttctgga cataaaaaaga 240
agtataatgt gtagtctttg tgtatatgaa aagactaata aatataggaa agtacagtaa 300
tacagaagaa ttatgagttg ccagatttat tgtagtcag tgaaatcttt ttaatgggtg 360
aaattggagg gggtctt 377
```

<210> 1541  
 <211> 596  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(428)  
 <223> similar to gi3046314 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1541  
 cagaccatgg agagctggcc atggaacatc gacagtttta taaaatgagc atgtacgagg 60  
 ctagtgcaca tggtccgctt ttgatgatgg gaccaggaat taaagccggc ctacaagtat 120  
 caaatgtggg ttctcttggt gatattttacc ctaccatgct tgatattgct ggaattcctc 180  
 tgcctcagaa cctgagtgga tactctttgt tgccgttata atcagaaaaca tttaagaatg 240  
 aacataaagt caaaaacctg catccaccct ggattctgag tgaattccat ggatgtaatg 300  
 tgaatgcctc cacctacatg ctctgaacta accactggaa atatatagcc tattcggatg 360  
 gtgcatcaat attgcctcaa ctctttgatc tttcctcgga tccagatgaa ttaacaaatg 420  
 ttgctgtaaa atttccagaa attacttatt ctttggatca gaagcttcat tccattataa 480  
 actaccctaa agtttctgat tctgtccacc agtataataa agagcagttt ctcaagtgga 540  
 aacaaagtat aggacagaat taaaaaaagt atagcaaatac ttaggtggcg tgtatt 596

<210> 1542  
 <211> 484  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(483)  
 <223> similar to gil545807 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1542  
 cgcaatcatg tctttacaag gcaatgcatt ttcacaaatg aagaaactgc aacaattgca 60  
 tttaaataca tcaagccttt tgtgcgattg ccagctaaaa tggctccac agtgggtggc 120  
 ggaaaacaac tttcagagct ttgtaaatgc cagttgtgcc catcctcagc tgctaaaagg 180  
 aagaagcatt tttgctgtta gccagatgg ctttgtgtgt gatgattttc ccaaacccca 240  
 gatcacgggt cagccagaaa cacagtcggc aataaaaagg tccaatttga gtttcatctg 300  
 ctgagctgcc agcagcagtg attccccaat gacttttgct tggaaaaaag acaatgaact 360  
 actgcatgat gctgaaatgg aaaattatgc acacctccgg gcccaagggt gcgaggtgat 420

ggagtataacc accatccttc ggctgcgcga ggtggaattt gccagtgagg ggaaatatca 480  
gtgg 484

<210> 1543  
<211> 362  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (6)...(239)  
<223> similar to gil464742 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1543  
tgaaaaagaa gaaaatgaag gaaagcgagg ctgacagcga ggtgaagcat caaccaattt 60  
tcataaaaga aagattgaag ctttttgaaa tactgaagaa agaccatcag ctcttacttg 120  
ccatttatgg aaaaaagggg gatacaagca acatcatcac agtaagagtg gctgatgggc 180  
aaacagtgca aggggaagtc tggaaaacaa cgccttacca agtggctgct gaaattaggt 240  
aaaccgcagt gtggaaaaga tattcaatct taagtaatta tactgaagcc tggtgaaaat 300  
gttttcttag ggaccgctaa tatattactc cattctcacg atactaaaag gacatgtctg 360  
ag 362

<210> 1544  
<211> 362  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (75)...(338)  
<223> similar to gi3879933 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1544  
gcctacaggg ggtccatggc agcagttcta ctttctgcag ctccctaagc agtgactttg 60  
accccctaga gtactgcagc cctaaagggg atccccagcg agtggacatg cagcctagtg 120  
tgacctctcg gcctcgttcc ttggactcgg aggtgcccac aggggaaacc cagggtttcca 180  
gccatgtcca ctaccaccgc caccggcacc accactacaa aaagcgggttc cagaggcatg 240  
gcaggaagcc tggcccagaa accggagtcc cccagtccag gcctcctatt cctcggacac 300  
agccccagcc agagccacct tctcctgatc agcaagtcac cagatccaac tcagcagccc 360  
ct 362

<210> 1545  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(402)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (208)...(401)  
 <223> similar to gil234787 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1545  
 cttaaacctg ggtttctgcc atatcaacct aggggggaaaa cttagccatg tggatttcca 60  
 ggtcactgcc tcatagatgg agagaatddd tggcttcctc tctgcctgca gatagcagtt 120  
 aagtaggaag tttgcaaata ttgtggatgg cctattgaga acaataaaca tgattcactt 180  
 gcttgccctgt cctactgaag accaagagat gatgttctgc caatctatgc ttatggccat 240  
 gcagtgggga agtcagtcac tggaggttat gtctatcgtg gttgtgaatc cccaaatctc 300  
 aatggcctgt atatctttgg agacttcatg agtggtcgac ttatggcttt gcaggaagat 360  
 agaanaaaca agaaatggaa gaagcaggat ctttgccctgg g 401

<210> 1546  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (284)...(377)  
 <223> similar to gi5921490 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1546  
 tggagcctag cgagtagcca gccccagaat ccagtgtctc ccagggaaga cggctcagcg 60  
 gaaaaacccg gttcatgctg acccgtggct tatcagtgtc gggggaccta cagagtgagt 120  
 cctctaggcg gcactccctg cctatgcagg agacccttgg caccatccag gactcctagc 180  
 aatgggagga cattcagctg ggcagaggct ggggttagatc aggaccacc ccaggctgtc 240  
 taggctgggt caggacgcca ctctctgtgc acttgtctc cccagctcc tgcacaggca 300  
 gagcacccaa ctgctggcac agagactcag ccggacctgc ttccgccagt ggagacaaca 360



ggtgggaacc caggagatgt cccctct

387

<210> 1547  
<211> 420  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(421)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (258)...(360)  
<223> similar to gi2547136 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1547  
agatcacaag ttgtacccag ttgaaatgca gaaataagca aaaganccaa atacggttgt 60  
aaaggagcct tagccaggaa tatctttcat aaatcaaggt ctgcggcagc tggccctggc 120  
cctgtcatgg tatagccaaa gtgtcttcat cacggaacat cggggagcac cacacagacc 180  
agagtataat aatgtggaat acagagctgg tcagcactta attggtttac acctgcttgt 240  
ctgtttcccc tgtgtttctc tgcagggttcg aatcgctctc ccatgccatc agtatgagcg 300  
cctatctgcg agaacagaga agggagctct atagtcggag tggagaactg caaggtgagt 360  
gattgagctt ctctggaaaa attaattttc tggaggagta tttcctttat tacacatgag 420

<210> 1548  
<211> 469  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (2)...(441)  
<223> similar to gi3874269 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1548  
gaaaggaacc aagaatgggc agttcaacta cccttgggat gtggcgggtga attctgaggg 60  
caagatcctg gtctcagaca cgaggaacca ccgatccag ctgtttgggc ctgatggtgt 120  
cttcctaaac aagtatggct tcgagggggc tctctggaag cactttgact cccacagggg 180  
tgtggccttc aaccatgagg gccacttggg ggtcactgac ttcaacaacc accggctcct 240

```

ggttattcac cccgactgcc agtcggcacg ctttctgggc tcggagggca caggcaatgg      300
gcagttcctg cgcccacaag gggtagctgt ggaccaggaa gggcgcatca ttgtggcgga      360
ttccaggaac catcgggtac agatgtttga atccaacggc agcttcctgt gcaagtttgg      420
tgctcaaggc agcggccttg ggcagatgga ccgcccttcc ggcacgcc      469

```

<210> 1549

<211> 376

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(377)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (82)...(371)

<223> similar to gi3150438 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1549

```

cctcttcctc ttctcttcc nnnnnnnnnn nnnnnnnnnn nnnnnnnnnc ggcactgaat      60
ctcgcttaca ctaggtttta tttaatgatt cccctcctta tactttctgt ctcaccagtt      120
tcctttcaca ctgatttacc ggctacacaa aattattctt attgggctta tgtgcctttt      180
cctccactta ttcgaccact cacctggatg gacgctcctg cagaaatcta cactaatgat      240
agtgtgtgga tgcttgagc tacagatgac cgttgccccg ctcaatcagg aaaaggcggc      300
actgcattta atgttaccat gggttacaaa caccacctc tgtgcctcgg acatgcacct      360
ggttgatatcc atctaa      376

```

<210> 1550

<211> 391

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (258)...(376)

<223> similar to gi2828801 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1550

```

tctcaaacca ggctgggctg gaattatttg cttaagagac tgaacaggac tcttcatgcc      60

```

```

aaaacaaaga ggctctctgt ccactgtctg agaatgagtg gaaaagctat acaacttgcc 120
tgaagtttca tccagggctg gaaaaaatag cttacaggtg aggttgaaag ggacagtaag 180
ataaagaagt gggtttatca ataagccagt tgcacacgca ccaacacagc ggaactaaaa 240
gcttgtccct gagcagccag gcagaggtgg acagagactc cagagacctg cagagggagc 300
acggagacca gcagagggag cacacagacc tgcagaggga gcacggagac ctgcagaggg 360
agcacagaaa ccctgggtcc agggaggtgg t 391

```

```

<210> 1551
<211> 630
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(483)
<223> similar to gi2459443 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1551
acttggtgca ggctcacatt ctggcctcag aagccctgag agctgacaag ggccatattg 60
cctctgggca gccctacttc atctcagatg gcagaccctg gaacaacttt gagttcttcc 120
ggcctctggt tgagggcctg ggctacacat tcccgtctac ccgcctgcc a ttgaccttgg 180
tctactgctt tgcttttcta acagagatgg ttcacttcat tttgggtcga ctctacaact 240
tccagccctt cctcactcgc actgaagttt acaaaaactgg tgtcacacat tatttttagct 300
tagagaaagc caagaaagag ctaggttata aggtcagcc atttgacctc caggaagcag 360
tggaatgggt taaagcccat ggtcatggca gaagttcttg aagtcgtgac tcggagtgtt 420
ttgtttggga tgggctattg gtcttcctcc tgattatagc agttctcatg tggctgcctt 480
cttctgtgat tctgtcactg tgaaggaggg gccagaaata aggtgatcac agttggctga 540
gatggttctc aagaaacatg ggttttataa tgtgtacagt gatatctggt gccaaacatt 600
ggctcttcaa attgctactt aaaaaaaaaa 630

```

```

<210> 1552
<211> 750
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (355)...(739)
<223> similar to gi4008355 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1552

```

```

atcgacaacc ctatgacatc gcaaacgtta ttactaatca ctatatagaa ctactcacta    60
taaggacttt aatcctccac gacccaaatt cttactacat ctatcatttt cacctatatc    120
ttgggctcta cctctgaggc catgtccaac gcactgcctg aataggctaa atgcatcttt    180
agaatacagt atgaagaggt cttgtatatatt caaaggccta ttgaataaga cacaagaaca    240
ttttttcaag aattgattct cactcaggca tcaatggctc caccaccaag gaaacatgct    300
gctctttgtg ctatggaagt gcttcctctt gcactacctt ctccacctcg tcaattatca    360
gaatcagaaa aaagtcgaat ggaggaccag gagggaaaata ctttaagaga gttgcggttg    420
tttctcaggg atgtaaccaa gaggctggcc acagataaac gctttaacat cttcagcaaa    480
ccggtggata ttgaagaggt ttcagattat cttgaagtaa tcaaggaacc aatggactta    540
tcaacagtaa taactaaaat tgataaacat aattacctga ctgcaaagga tttcctgaaa    600
gatattgacc tcatctgtag caatgcttta gagtataatc cagataagga cccaggagat    660
aaaataatta ggcacagggc ttgtaccctg aaggacactg cacatgctat cattgcagct    720
gaattagatc cagaatttaa taaactttgt                750

```

```

<210> 1553
<211> 592
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (95)...(381)
<223> similar to gi3329465 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1553
atgaccacag tttctttcac ggacgacacg accgccagag tcaccacaac tttaacactc    60
tcgtttctcg gccctgtgta gctccctccg gggcaaccga gaatgtcgtg ggaatggaaa    120
gactgtctgc aaatgtggag ccccgaaactg cagtggcttc ttgggtgtaa ggccaaagaa    180
tcaaccattt gccacggaag aaaagtcaaa gaaattcaag aagaagcaac agggaaagcg    240
caggaccacg ggtgaaatca caaaggagcg agaagatgag tgttttagtt gtgggggatgc    300
tggccagctc gtctcctgca agaaaccagg ctgccccaaa gtttaccacg cagactgtct    360
caatctgacc aagcgaccca ctttgggtct cctgagagct gtactgtcgc tcagtaaagc    420
tcctcttcac cttgttcatg ctccagttgt ccgataacct cattgttcct gaatgcagga    480
caagaacctg ggacctgtca aatggtgggg ctgaaagagc ggtaacacaa acagggctga    540
aatatgtctc ccttgctcgc cgtgtttgcag gcaacaagaa ggagagaaga gg                592

```

```

<210> 1554
<211> 351
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(197)
<223> similar to gi4929707 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 1554  
catggctgac cccgaccccc ggtaccctcg ctccctcgatc gaggacgact tcaactatgg 60  
cagcagcgag gcctccgaca ccgtgcacat tcgaatggcc tttctgagaa gagtctacag 120  
cattctatct ctgcaggatc tcttagctac tgtgacttcg acagataatt tagcctttga 180  
ggatggacgg actgactggc tgcaaaggcc tgactgtgtc tccttcaaaa ttcattgtgct 240  
gccaatgtga cggattattaag aggagggggc ttagaggggg attagatcct gaaaggtcct 300  
tacttttttg agtgacgagg atgcatacga tgaaagcatc tcgtagatac g 351

<210> 1555  
<211> 374  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (239)...(376)  
<223> similar to gi203106 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1555  
gaactcccca aaggcaccat ccagggttttt accccgcttg tcaaattccc ctctggccca 60  
gggctggctg ctcagcagga gtgtttaata agcacttaat tgcccgggtga gtacagacca 120  
ttccagctca ccttaactgt ttccctggctg actcgccctc cggcctgatt gccctgctca 180  
tctggctgag tgagctggaa tgagtgtagt ggtagtgcca cctatagggt cctcttacct 240  
tggctcttatt tcacaggagc acttcccga caggtttacc tcgggagatg gaaagaaagc 300  
tcaccaggac tttggctact tttatggctc gagctatgtg gcagcctctg acagcagccg 360  
gactcctggg ctgt 374

<210> 1556  
<211> 392  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (158)...(334)  
<223> similar to gi3327974 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 1556
taccaccacg cccagcccca acatatgact ttctgtgtgt tttccaagag tctagtgtga      60
ggtcagaggt cagacaggtc atcaggaatt ttgcttcaag tgagttgctg ctgccctgac      120
tcttttcccc cagcaattaa gtcccccccg ggcttggggg ttgggtttgt cagcttgctt      180
ttgctgtgct gagggcttct ccagactgaa tcagcaggtc ctcagctcat ctctgctcct      240
tctctctagg accaactgcc cctgtaagta cagttttttg gataacctca agaagttgac      300
tcctcgacgc gatgttccca cttaccccaa ggtaagatga gattccggcc cagaagaagc      360
tgcagctgtg tccccagccc cacgccgagc cc                                     392

```

```

<210> 1557
<211> 535
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(343)
<223> similar to gi3882183 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1557
agtatattaa gcggtcaaatt gaatattact tcagtgtaga aaatttggaa cgagacttct      60
ttcttcgggg aaagatggat gaacaagggt tcttgccat ttccctgatt gctgggttttc      120
agcgtgttca ggctctcact acaaacctta atctcatctt agaggcactg aaggatagca      180
cagaagtaga aattgtggat gagaaaatga gaaaaaagat agaccagaa aaatggccaa      240
ttccaggccc tcctccacgc agtgtgccac caacagactt ctctcaactg attgattgtc      300
cagagtttgt accaggccaa gccttttctt cacatacagg taacatcttt tcttctagag      360
caaacgatgt aacagtgggt tatttggtcc aatttactta cttatttatt tattttcagt      420
ttatttagat ttgataggaa aattaaagct aactgaaaga cttttgagcc ccattttgta      480
ttgatattgc ctcaactcaca gagttacaaa ttaaatacgg atttaagaat tatga          535

```

```

<210> 1558
<211> 602
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(603)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1)...(120)
<223> similar to gil754627 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 1558  
gggccacgct gtcaaacaga ggtggatgag tgcctgagtg acccatgtcc cgttggagcc 60  
agctgccttg atcttccagg agccttcttt tgcctctgcc cctctgggtt cacagggttca 120  
caggggagggc attggaaaga actggcagaa tatatttattc catttgggtt ggggcagagt 180  
tcattggtgg gtgtttgatg gttgggatgt gagaatagaa tgagaatgg atcctttaaa 240  
gttatttagt gtaaaacctg cacaattgta caaccatggg gacaagggca ggggttaccg 300  
tagggccac atgggcccag tgtaaattgt gtgattgcgg cttgggagca gaggacgggg 360  
ctcaaagaaa aggcattcac ttgcttattt agcaagcact taccaactgc ctactatgcc 420  
agatacggag gcaaatctga gtaagacagt tgccatcttc atgtgacttt aagtctaata 480  
cagagagacc aacaagtctc ctgttgatca tagcccacag aggtgctctg agaaaaaacg 540  
tgcaggatat tacaagagca cagaggacca gcccaccacg acntaaaatg gaggagggtga 600  
tg 602

<210> 1559  
<211> 501  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(436)  
<223> similar to gi4519166 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1559  
ctccccctgct cccaggagga agcgacagga ggagccaagg acaccaggat ggtccaccaa 60  
accgcgcca gcctcaggtc agttctcttt ggccttatga actcaggaac ccctgaggat 120  
tctgagtttc gggcagatgg gaagaatatg agagagtcct gctgtaaaag gaaactggtg 180  
gtgggaaatg gaccagaggg tccaggctctg tcaagcacag gcaagaggag ggccacaggc 240  
caggactctt gtcaagagag agggcttcaa gaggccgtcc ggagagagca tcaggaggcc 300  
agtgttccca agggccgcat tgtgccaagg ggaatagaca ggctggagag aactagatca 360  
agccggaaga gcaaactca ggaggcaacg gaaacctctc tcctccattc ccaccgcttt 420  
aaaaagggcc aaaagctggg aaaagattcg tccccaccc aggacctgac tcctttacag 480  
aatgtctgct tttggaccaa a 501

<210> 1560  
<211> 352  
<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(353)  
 <223> similar to gi488555 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1560  
 cacacgggcg agaagcccta cgagtgcggc cagtgcggcc gcgccttcag ccacagctcg 60  
 cacttcacgc agcacctgcg catccacaac ggcgagaagc cctacaagtg cggcgagtgc 120  
 ggccaggcct tcagccagag ctccaacctg gtgcgccacc agcggctgca cacgggtgag 180  
 aagccctacg cctgcagcca gtgcggcaag gccttcattt ggagctccgt gctcatcgag 240  
 caccagcgca tccacactgg cgagaagccc tacgagtgtt ccgactgcgg caaagccttc 300  
 cgcgggcgct cgcacttctt ccggcacctg cggacccaca cgggcgagaa gc 352

<210> 1561  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(345)  
 <223> similar to gi758661 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1561  
 agagaaacca tacagatgtg aggagtgtgg taagggtctt attttagtct caaatcttta 60  
 cattcatcag agagtccaca caggagaaaa accctataaa tgtgaggaat gtggtaaagg 120  
 ctttagtcgg ccttcaagtc ttcaggccca tcaggagggt cacactggag agaagtcata 180  
 catatgtact gtatgtggga aaggctttac tctgagttca aatcttcaag cccatcagag 240  
 agtccacact ggagagaagc catacaaatg caatgagtgt gggaagagct tcaggaggaa 300  
 ttcccattat caagtccatc tagtggtcca cacaggagag aag 343

<210> 1562  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(284)  
 <223> similar to gi1001875 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



```

<400> 1562
gaatgccaaa tttgaagaag aatcaaaaaga acctgttgct gatgaagaag aggaagacag      60
tgatgatgat gttgaacctt ttactgaatt tagattttgtg cctagtata aatcagcggt      120
ggaggcaatg ttactgcaa tgtgcgaatg ccaggccttg catccagatc ctgaggatga      180
ggattcagat gactacgatg gagaagaata tgatgtggaa gcacatgaac aaggacaggg      240
ggacatccct acattttaca cctatgaaga aggattatcc ca                          282

```

```

<210> 1563
<211> 383
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(385)
<223> similar to gi1817552 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1563
aagtggaaga gaagaagatt acccgagcct gacagacat gtaacggatg acacgacaaa      60
caccgagcta gagaaacaaa cgcatggcga aaaggaagat tccacaaagg aggaaactcc      120
aggacctcct aaatggaagg aatctatgag aacattcaaa cttgaccac atgatgatca      180
ggctttttctg gatggaactg acgtgtatgt atggatctat gaccagttc actttacaac      240
attagccatg ggattaactc ttgcgattgc aggaatagcg gccaccctct tcctcctttg      300
gtcagcaaaa ttgacagtag ctgtttatta cctcagcgtg gttgcacgct gccttgtaac      360
cagctttatt ctccttactg ttg                          383

```

```

<210> 1564
<211> 359
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (8)...(331)
<223> similar to gi18209 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1564
ccgggacgat gcctgcctct actccccagc ctcagctccc gaggtcatca cagtaggggc      60

```

```

caccaatgcc caggaccagc cggtgaccct ggggactttg gggaccaact ttggccgctg 120
tgtggacctc tttgccccag gggaggacat cattggagcc tccagcgact gcagcacctg 180
ctttgtgtca cagagtggga catcacaggc tgctgcccac gtggctggca ttgcagccat 240
gatgctgtct gccgagccgg agctcaccct ggccgagttg aggcagagac tgatccactt 300
ctctgccaaa gatgtcatca atgaggcctg gttccctgag gaccagcggg tactgaccc 359

```

<210> 1565

<211> 89

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (17)...(64)

<223> similar to gill136426 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1565

```

aataaatttg ggggcccccc gggttttttc ccccccccg tttttaaaaa ccgcccccg 60
aaaataattt ttggggccca aaaaaaaaaa 89

```

<210> 1566

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(333)

<223> similar to gi3327202 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1566

```

cctgaatccc ccatctgtcc gtgaaatgct gtggggctct tcaacccaac tggccagtga 60
cggtagccca aagggtctt caccgaatc ttacattcat ggaattgccg aatctcagtt 120
acgctacata caacaggga ttttctcagt gacgaatcca catcctgaaa tttttctagt 180
tgccagaatt gaaaagggtac tacagggaaa cattacacac tgtgcagaac cctatatcaa 240
aaattctgat ccagtaaaga cggccagaa ggtgcacagg acagctaaac aagtgtgtag 300
ccgccttgga caatacagaa tgcccttcgc t 331

```

<210> 1567  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (38)...(166)  
 <223> similar to gi3851654 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1567  
 ctggaaaatgg aagccttacg atagccagat caagcagaaa gttgacattc tgggtggcaat 60  
 atttgaaggc gtagaagagc gcagagatga agttctaagt cctgactatg atcttgtggg 120  
 tgaagaaata atgtcctgtg gtatggatca ttgtcttaag ctttgattct tgacatagta 180  
 gtcaatacca catcagttgg ctcatcagaa aagtgactgt gaaatttggc aaggttggca 240  
 gtttatgtga gttatgtgga atgtgggtatt ttatgactga gagagtcagg aagagagtag 300  
 ataatttccc tacatcatgc aaacttgggt gttctacagg agtgttgtca gttgcatgtg 360  
 gctcagcaat cccttgatac attttgttct cc 392

<210> 1568  
 <211> 684  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (686)...(2)  
 <223> similar to gil930122 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1568  
 ttttttttta ctctaacata caacctataa taattctgta taaccacaat tgcagttttc 60  
 tttgtttcat aatcaacttt ggccctgtgc attcgataga atgactgaat tagtgtggca 120  
 gcccggtgca tattttgaat atcctttcgt actttaagc ctctgtaata agactgtata 180  
 caaataactg cttgggtacg cactgcagtt agttttctgt atcttctttg aatagaaact 240  
 actgttgctc taatgtggag ataatgcttc cttattttaa aggctttaca atgcttctga 300  
 ataataatgg cagcctggtg ctgttcctga atctgttttt ttatgttcat gtcctgaaaa 360  
 cctgcctgaa cacaagtctc tttcttaagt tcattgtgtt gaaatacttt ctgtttcttt 420  
 ttatttgctc tataattttt ttgtatgatt ttgttagccc actgaagctt ttggtagaaa 480  
 caatactgcc tatacattct gtaggtgctt tgtattacga tagaagcttt gtgtttttcc 540  
 cttaaaagtt gtcttgcttt cattccttta tatgcagcct gaataaccac agcagaatgc 600  
 cattgtctga tataattttc tctttgcaat tttgcagctc tataatgttcg ataatgttgc 660  
 tgaattagaa ttgaagcatg tttc 684

**SECRET**

<400>	1569						
ccggtg	ctgcgaatgt	ggccaaaggg	gccgtccagg	gcggcctgga	cactacaaag		60
cctga	ctggcactaa	agatgctgtg	tccactgggc	tcacaggggc	tgtgaacgtg		120
aaggga	ccgtccagac	cggcgtagac	accaccaaga	ctgtcctaac	cggcaccaag		180
ccgtct	gcagtggggg	gaccagtgtc	gtgaacgtgg	ccaaaggggc	cgtccagggg		240
tgga	ccaccaagtc	tgtggtcata	ggtacaaaag	acacgatgtc	cactggggctc		300
gggcag	cgaatgtggc	caaggggtcg	acgcggccgc	g			341

```
<400> 1570
acccca ggcgagctgc tcttctctct gctactctgg ctcccagata caaccggaga    60
gtgttg acgcggcgg                                     79
```

$\langle 220 \rangle$

<221> misc\_feature  
<222> (1)...(378)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (9)...(137)  
<223> similar to gi4102877 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1571  
ntatttttcat cccagttggt caccgtggta agactacgct ggaaaactgt gtgctgcagt 60  
gtgagacgac cggagtcaca gtgcggacat cagcagagtt tctaataaag aactcggatt 120  
tatatggcgc caaggtagaa gctcttgtcc tcttggggaa gtagtttgtg ttttaagttgt 180  
aaatgaatat atgaaatatg ggaccaagat gtatgtgtgt actccactc tcttcagaca 240  
gtcatctcta ccaagtcagt caaactcaac tgtgcaaggg tcttctcatg tagcattttc 300  
aatgatagg aagaaaagta atacatctca caatgacttt atgtagcttt aagagagggt 360  
tagaccctta aaattat 377

<210> 1572  
<211> 622  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (3)...(625)  
<223> similar to gi5257116 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1572  
ctcagtcaag gctaattgct ttggaatcag tgtaatat tttcaatcta ttggccgtgt 60  
tgtcctacct gaagttcttc aactgccaaa agcacagccc tttttctctg agctgggtgt 120  
tctggctaac actgacaggg gtcgcttggt cctgtgcagt gggcatcaag tacatgggtg 180  
tgttcacgta cgtgctcgtg ctgggtgttg cagctgtcca tgccctggac ctgcttggag 240  
accagacttt gtccaatgtc tgtgtgttct gtcacttgct cgcccagaca gtggctttgc 300  
tggtcatccc ggtcgtcctg tacttactgt tcttctacgt ccacttgatt ctagtcttcc 360  
gctctgggcc ccacgaccaa atcatgtcca gtgccttcca ggccagctta gagggaggac 420  
tagctcggat caccagggt cagccactgg aggtggcctt tgggtcccag gtcactctga 480  
ggaacgtctt tgggaaacct gtgccctgct ggcttcattc ccaccaggac acctaccca 540  
tgatatatga gaacggccga ggcagctccc accagcaaca ggtgacctgt tacccttta 600  
aagacgttat tatctggtgg ac 622

<210> 1573  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(347)  
 <223> similar to gi5533377 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1573  
 tacagaagca gacacatgta agaattcacc attagatgaa ttagaagaag gagaaattag 60  
 aagtgatagt gaaacatcta aaccacaaga aagttttgaa aaaaattcca aacgtagagt 120  
 gtcagctgat gtgcggaagt caaagactat cccacgacgt gggaaaagta ctgtgtgttt 180  
 agataaagac agtaggaaaa cacatgtaag aatccatcag accaataaca aatggaataa 240  
 aagacctgat aaatctagta gatcttcaaa aacagagaag aaagataaag tgatgagcac 300  
 ttccagcttg gaaaaaatag ttccaattat tgctgtaccc tcttc 345

<210> 1574  
 <211> 207  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (15)...(144)  
 <223> similar to gi3136001 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1574  
 cggccgcgctc gtcggggcact gtccgggggag ccacggggcat cttacctctc tccttcggtga 60  
 agatcctcaa agtcttccct gaggaggacg accccaccaa ctggctgcgt tgctactact 120  
 acgaaggacc cctgaggtca cgtgcctggg ggtgaacgtg agccacgaag accccgaggt 180  
 ccagtccaag tggtagctga tcggccc 207

<210> 1575  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (308)...(399)  
 <223> similar to gi3413886 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1575  
 tatcagctta aagataacaa aatgtctcat cacactttta atcgtatctt tagaggggtga 60  
 atattgttgg ggaaaaaaga tgcttactca gagacaacaa gatagacaat atcctgtctt 120  
 caagagagct tatcatagta aaagaaaatt ataaattttt ataattgctt ttcacaaaat 180  
 aaacaggggt atatagaaga gaataaaaatt tcagcaagaa gaaaaaggaa agaggacttt 240  
 acctagggta gttatgaaag acttgtctta tatggcattt gagctgagac tcaaggaaaa 300  
 ggaagttggc caagtgataa gccagtccaa gtcttccact aaaaagagca agaaagaagc 360  
 caaagaaccc gagaaagatg gtgagacctc tggcagc 397

<210> 1576  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(106)  
 <223> similar to gi3025828 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1576  
 gttagaaatc aagtttttgg agcagggtgga tcaattctat gatgacaact ttcccatgga 60  
 aattcggcat ctgttgccc aatggattga aaatcaagac tggtaggac aaacatattt 120  
 tccctagaag ttgatgcaca aatgtctgat gctctatcca tgtgaattta ttttatggtc 180  
 cactttttac tcagtagatg cattcttttc aggtaaagaa ctttctcaag gatttgaaag 240  
 ccttcccaaa gaaggggaat aattgtcctt tctggttcca ttcatgttaa atgaaaagtt 300  
 aatggttcca gtgcttcttt tctctgtaaa caaaaaccca aataattttt catgtattaa 360  
 aaaaagaagc aaatcaattg attgtcagt 389

<210> 1577  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(272)  
 <223> similar to gi6016932 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 1577
gccagcctca agttgggggtt ggataaggct gtgcttcaat ccatgagtgg tcgggatggc      60
aacattactg gaatccaaca gttctctaag aaggagattg aagatctttt aagaaaagga      120
gcatatgcag ccatcatgga ggaagatgat gaaggctcca agttttgtga agaggacatt      180
gaccagatct tgттаagacg aactacaacc atcaccattg aatctgaagg aaaagggttcc      240
acctttgcta aggcaagctt tgttgcttct gaagtcgacg cggccg                      286

```

```

<210> 1578
<211> 465
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (11)...(467)
<223> similar to gi5106572 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1578
ggaggcagga gatgcggatg aagatgaggc tgatgctaat agctctgact gtgaaccaga      60
ggggcccgtg gaagcggaag agcctcctca ggaggatagt agcagtcagt cagactctgt      120
ggaggaccgg agtgaggatg aggaagatga acattcagag gaggaagaaa caagtggaag      180
ttcagcatca gaggaatctg agtctgaaga gtctgaggat gcccaatcac agagccaagc      240
agatgaagag gaggaagatg atgatttttg ggtggagtac ttgcttgcca gggatgaaga      300
gcagagttag gcagatgcag gcagtgggcc tcctactcca gggcccaacta ctctagggtcc      360
aaagaaagaa attactgaca ttgctgcagc agctgaaagt ctccagccca agggttacac      420
gctggccacg acccaggtaa agacgcccac tcccctgctt ctgcg                      465

```

```

<210> 1579
<211> 354
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(349)
<223> similar to gi2570493 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

<400> 1579
ctaaaaaac taagggagtt actgcttgaa gacaaccagt taccccaa at accctctggt      60
ttgccagagt ctttgacaga acttagtcta attcaaacca atatatacaa cataactaaa      120
gagggcattt caagacttat aaacttgaaa aatctctatt tggcctggaa ctgctatttt      180
aacaaagttt gcgagaaaac taacatagaa gatggagtat ttgaaacgct gacaaatttg      240
gagttgctat cactatcttt caattctctt tcacacgtgc cacccaaact gccaaagtcc      300
ctacgcaaac tttttctgag caacacccag atcaaataca ttagtgaaga agat          354

```

```

<210> 1580
<211> 210
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (55)...(196)
<223> similar to gi63340 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1580
cttctgtgtg tctgtcttcc tgtgggtgcc tgcccgctct tttctcttct aacagcccct      60
ttgaaccagc tgatgcgctg tcttcggaaa taccaatccc ggactcccag tcccctccta      120
cattctgtcc ccagtgaat agtgtttgat tttgagcctg gccagtggt cagaggtagt      180
tgggctcttc tttcttggtc gacgcggccg                                210

```

```

<210> 1581
<211> 378
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (22)...(379)
<223> similar to gi4235142 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1581
gaaaaaaatt aacctggcgc atgtggcgca tgtgaagaag ccttgaggcg gttctcaggc      60
tttactagtc ataaatgtgg tcatcgtgga gacgtcccat acaaattgtga agaattgtggc      120
aaagttttca atcgatgttc aaacctaaca aaacataaaa gaattcatac tggagagaaa      180
ccctacaaat gtgacgaatg tggcaaagtt ttttaattggt ggtcacaact aactaaccat      240
aagaaaattc atactggaga gaaaccctac aaatgtgatg aatgtgacaa agtttttaat      300
tggtggtcac aactaactag ccataagaaa attcatagtg gagagaaacc atccccatgt      360

```

<210> 1582  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (5)...(345)  
 <223> similar to gi5262615 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1582  
 ggcaaagaaa aaaactatgg atgccaagaa tggccagaca atgaatgaga agcaactctt 60  
 ccatgggaca gatgccggct ccgtgccaca cgtcaatcga aatggcttta accgcagcta 120  
 tgccggaaaag aatgctgtgg catatggaaa gggaacctat ttgctgtca atgccaatta 180  
 ttctgccaat gatacgact ccagaccaga tgcaaatggg agaaagcatg tgtattatgt 240  
 gcgagtactt actggaatct atacacatgg aaatcattca ttaattgtgc ctccctcaaa 300  
 gaaccctcaa aatcctactg acctgtatga cactgtcaca gat 343

<210> 1583  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(332)  
 <223> similar to gi461021 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1583  
 cgtcccagct gcggttgag gagtcgggcc caggcctggt gaagccttcg gaaaccctgt 60  
 ccctcacctg ttctgtctct ggtgactcca tcaaaaattt ttattggagt tggatccggc 120  
 agaccccagg gaagaaactg caatggatgg gctatgtcca ccatagtggg gccaccgatt 180  
 acaaccctc cctctggaat cgaatcttca tgtcaataga cacgtccagg agccgattct 240  
 ccctgaggct gagttctgtc accgctgcgg acacggccac atatTTTTTgt gcgagagggt 300  
 gtactgccgg catgtgctat tccaggagcg actattac 338

<210> 1584  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (5)...(363)  
 <223> similar to gi3876763 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1584  
 cacacagtca gtaaaagaaa ttttgaagag gaatccaaat gtaaaacttaa cagataaaga 60  
 tggaaataca gctttgatga ttgcatcaaa ggagggacat acggagattg tgcaggatct 120  
 gctcgacgct ggaacatatg tgaacatacc tgacaggagt ggggatactg tgttgattgg 180  
 cgctgtcaga ggtggtcatg ttgaaattgt tcgagcgctt ctccaaaaat atgctgatat 240  
 agacattaga ggacaggata ataaaactgc tttgtattgg gctgttgaga aaggaaatgc 300  
 aacaatggtg agagatatct tacagtgcaa tcctgacact gaaatatgca caaaggatgg 360  
 t 361

<210> 1585  
 <211> 720  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(723)  
 <223> similar to gi3880560 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1585  
 ttgagaacaa catggatttt atgggattaa ttataatgca gaacaaatta aagcaagaaa 60  
 cccctgcagt acttgaagat ttgcataaag ccaacattcg caccgtcatg gtcacagggtg 120  
 acagtatggt gactgctgtc tctgtggcca gagattgtgg aatgattcta cctcaggata 180  
 aagtgattat tgctgaagca ttacctccaa aggatgggaa agttgccaaa ataaattggc 240  
 attatgcaga ctccctcacg cagtgcagtc atccatcagc aattgaccca gaggctattc 300  
 cggttaaatt ggtccatgat agcttagagg atcttcaa atgactgttat cattttgcaa 360  
 tgaatggaaa atcattctca gtgatactgg agcattttca agaccttggt cctaagttga 420  
 tgttgcatgg caccgtgttt gcccgatagg cacctgatca gaagacacag ttgatagaag 480  
 cattgcaaaa tgttgattat tttgttggga tgtgtggtga tggcgcaaat gattgtggtg 540  
 ctttgaagag ggcacacgga ggcatttcct tatcgagagt cgaagcttca gtggcatctc 600  
 cctttacctc taagactcct agtgtttcct gtgtgcaaaa ccttatcagg gaaggccgtg 660  
 ctgctttaat aacttccttc tgtgtgttta aattcatggc attgtccagc attatccagt 720

<210> 1586  
 <211> 324  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (118)...(324)  
 <223> similar to gi3882303 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1586  
 tatgtatttta ttgaatgcct gctctgtgct agatacagac ttttaatactg catctagcag 60  
 tacacatatc attttaaaat ttggatttaa tataaggcca atattcctct ttttacacag 120  
 gaagaccagg cttgtgcaac ttgccttatt cttgcttgct ccactgctgc ctgtgatata 180  
 gaattatctg cctgtgctac tcttgctttg tataggattg tttgtcttgt tttgttttat 240  
 cttctcgttc tgtttcatgt tccaggttag cgtgtgtaga gtcttgctgg tctctgtgct 300  
 agatgatttg acttactaaa atcg 324

<210> 1587  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (24)...(342)  
 <223> similar to gi3659883 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1587  
 cttgtatacc tctttagtagca cctgaagaca tcaactgcatt tcagcttaac attggccggt 60  
 cgactgaaag cccattgat tttgtagtaa ctgacacggt tcctggaagt caaagtaatt 120  
 ctgatacaca gtcagtacaa agcactatat caagatttgc ctgcagaatc atatgtgaac 180  
 ggaatcctcc ctttacagca cggatttatg ctgcaggatt tgactcatca aaaaacatct 240  
 ttcttgggga gaaggctgcc aaatggaaga catcagatgg acagatggat ggcttgacca 300  
 ctaatggtgt tcttgtgatg catccacgca atgggttcac ag 342

<210> 1588  
 <211> 310

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (131)...(234)  
 <223> similar to gi2217931 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1588  
 tttttccaat acacatataa accatcattc actaaaatgt actatatatt caatattttg 60  
 tgtatactca ctgcttttcc taacgtgaaa aattttaccaa aatgctaatt gtgacttata 120  
 aggtatttta cagactcccg acaaaaagca gaatgatcag cgaaatcgga aaagaaaagc 180  
 tgaaccatat gaaactagcc aaggtagtaa taatttcgta tcaacaaaag tactcaattc 240  
 taatgtactt agatagaatt ttctaactca tactaaataa ttagtttgta cacagggatt 300  
 cctgataaag 310

<210> 1589  
 <211> 502  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (96)...(505)  
 <223> similar to gil272422 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1589  
 cttaaagtga aattttaaaaa gtaataataa tttttaaaaa tgttttaaagg cttacttttg 60  
 agagacagtt ttacatagct taatatatta tcattaaagg catggtggag ctggttcctg 120  
 cttccgatac cctcaggaaa atccaagtgg aatatggtgt gacaggatcc tttaaagata 180  
 aaccacttgc agagtggcta aggaaataca atccctctga agaagaatat gaaaaggcctt 240  
 cagagaactt tatctattcc tgtgctggat gctgtgtagc cacctatgtt ttaggcattc 300  
 gtgatcgaca caatgacaat ataatgcttc gaagcacggg acacatgttt cacattgact 360  
 ttggaaagtt tttgggacat gcacagatgt ttggcagctt caaaagggat cgggctcctt 420  
 ttgtgctgac ctctgatatg gcatatgtca ttaatggggg tgaaaagccc accattcgtt 480  
 ttcagttggt tgtggacctc tg 502

<210> 1590  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(356)  
 <223> similar to gi178281 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1590  
 tcaaagggga tgtggatgtg tctttgccaa aattggaggg agatttaaca ggccccagtg 60  
 tggatgtgga ggtgcctgat gttgagctgg agtgtcctga tgcaaagttg aaagggccca 120  
 agtttaagat gcctgagatg cacttcaaga cccccaagat ctccatgcct gatgtgaact 180  
 taaacttgaa aggccccaaa gtcaaagggg atatggatgt gtctgttccc aaggtagaag 240  
 gtgaaatgaa agtgccagat gttgacatca gagggcccaa agtggacatt gatgccccag 300  
 atgtggatgt tcatggccca gactggcacc tgaagatgcc taagatgaaa atg 353

<210> 1591  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(339)  
 <223> similar to gi4512301 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1591  
 ctgacctggg ttttccatat tgctatttta aaaggtgtcc agtgtgagat ggtgttggtg 60  
 gagtctgggg gacatgtgga acggccgggg ggatcaatga gactctcctg tgtagcctct 120  
 ggattcacct atgatgatta tggcatgacc tgggtccgcc aagctccagg gaaggggctg 180  
 gagtgggtct ctgacattaa ctggaatggc ggcacacac agtattcaga ctctgtgagg 240  
 ggccgattca ccatctccag agacaacgcc aagaacaccc tttatctcca aatgaacagt 300  
 ctgagaagcg aggaccgggc cttctatctc tgtgcgag 338

<210> 1592  
 <211> 508  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (5)...(507)  
 <223> similar to gi5679576 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1592  
agatcaaaaa atttattctg gggaaaaatc ctatgagtgt gctgaatttg gaaagagctt 60  
cacctggaag tcacagttca aggtacatct gaaagttcct acaggagaaa aactctatgt 120  
atgtattgaa tgtgggaggg cttttgtaca gaagccagaa ttcacacac atcagaaaac 180  
ccatatgaga gagaagccct ataagtgcaa tgaatgtgga aaatcctttt ttcaagtatc 240  
gtctcttttc aggcatacaca gaattcatac cggagaaaaa ctatatgaat gtagtgaatg 300  
tgggaaaggt ttcccttata actcagatct cagtatacat gagaaaattc atactggaga 360  
gagacacat gaatgcactg actgtggcaa agcgttcaca caaaagtcca cactcaagat 420  
tcacagaaa atccatacag gcgagagatc ctacatctgt attgaatgcg ggcaggcctt 480  
catccagaaa acacaattga ttacgaaa 508

<210> 1593  
<211> 414  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(415)  
<223> similar to gi3688436 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1593  
cgtcagactt caggtctgca ggcgacatct tcgtggcaga atttagatgc caaagtcccg 60  
actgaacgaa gtgctgtctt agtcaacctg aaaaaggggg tgacttatga aattaaagta 120  
cggccatatt ttaatgagtt ccaaggaatg gatagtgaat ctaaaacggg tcgtactact 180  
gaagaagccc caagtgcccc accacagtct gtcactgtac tgacagttgg aagctacaat 240  
agcacaagta ttagtggttc ctgggatcct cctcctccag atcaccagaa tggaattatc 300  
caagaatata agatctggtg tctaggaaat gaaacgcgat tccatatcaa caaaactgtg 360  
gatgcagcca ttcggtccgt aataattggt ggattattcc caggtattca atac 414

<210> 1594  
<211> 522  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (3)...(414)  
<223> similar to gi2887453 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 1594
attttccacg tctcttcaac ctccgctcaa tttacttaca atggaacagg attcgctcca    60
ttagccaagg tttgacatgg acttgaggtt ccttacacaa cttggattta tcagggaatg    120
acatccaagg aattgagccg ggcacattta aatgcctccc caatttacia aaattgaatt    180
tggtattcaa caagctcacc aatatctcac aggaaactgt caatgcgtgg atatcattaa    240
tatccatcac attgtctgga aatatgtggg aatgcagtcg gagcatttgt cctttatattt    300
attggcttaa gaatttcaaa ggaaataagg aaagcaccat gatatgtgcg ggacctaaagc    360
acatccaggg tgaaaagggt agtgatgcag tggaaacata taatatctgt tctgaagtcc    420
aggtggtcaa cacagaaaga tcacacctgg tgccccaac tccccagaaa cctctgatta    480
tccctagacc taccatcttc aaacctatca caccatcc ac                               522

```

```

<210> 1595
<211> 630
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (68)...(527)
<223> similar to gi2558501 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1595
gcgcgcgctg cgacgccaac ctccgcttct cgccgctaac ggcacgcagc ctgaaagcat    60
ggcgatctca gagccgatca agggcagcag aaagccctgt gtgaataagg aggagttggc    120
tttgaagaag cccatggcga aatgtgcctg gaagggtccc agagagccac ctccagatgc    180
ccgggcagaa gccgagagcc caggaggcgc ctctgagtca gaccaagatg gtggccatga    240
aagcccacca aagaagaagg ccgtggcctg ggtgtctgcc aagaaccccg ctcccatgag    300
gaagaagaag aaggtgagct tgggcccctg ctccctacgtc ttggttgact cagaagatgg    360
caggaagaag ccggtgatgc caaagaaagg gccagggtca agaaggagg catcagatca    420
gaaggccctt cggggccagc agcctgccga ggcaacagcc tcaacctcta ggggtccgaa    480
ggccaagcca gaaggctctc ctccgctgct caccatgaa tccagaaagg tttgatctgg    540
gggaccaccc atactgagga gttgaaagaa caaggaagaa gtaccaagtc aaccaagttc    600
tctcttgtca ctgaataaga ctttgactgc                               630

```

```

<210> 1596
<211> 503
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```



<222> (3)...(506)  
 <223> similar to gi4186073 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1596  
 acaaggagaa cattttttaac gcagaccatt tccctctctg gtaccgaaga gccgctgagc 60  
 agattccagg gagcttcgtc tactcgatcc cattcagcac tggaccagtc aataaaagca 120  
 atgtggtgac agcaagtaca tccatccagc tcctggatga acggaaatct cctgtggtgg 180  
 cagctgtagg cattcagatg aaacttgaat ttttccaaag gaagttctgg actgccagca 240  
 gacagtgtgc ttccctggat ggcaaatgct ccatcagctg tgatgatgag actgtgaatt 300  
 gttacctcat agacaataat ggattttattt tgggtgtctga agactacaca cagactggag 360  
 acttttttgg tgagatcgag ggagctgtga tgaacaaatt gctaacaatg ggctccttta 420  
 aaagaattac cctttatgac taccaagcca tgtgtagagc caacaaggaa agcagcgatg 480  
 gcgccccatg cctcctggat cct 503

<210> 1597  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (16)...(120)  
 <223> similar to gill44493 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1597  
 cggacgcgtg ggggtttgttt ttatcccgtc cttcaggaga tgacctggct tccaccactt 60  
 tctgctattc aagcacctgg caaagtggaa ccaaccaaatt ttccatttcc aaataagggtg 120  
 agatcttgca tccctcagga ggaatatgtt tcaactcatgc aggcatttct agtgggcagt 180  
 gggctttacc cgtgattgtc ttttcttctg taaatatcc tgccagaggc acgtgaatct 240  
 gatccttcac aatttgcaag cgcatactta ttcattttatg aaaggggggag aatcaagcct 300  
 ccaatcttac ttacctacac ttctctgcaa aatgtgatac tactgtaatt atcattttgt 360  
 ctaaaaaaca ttcatgaagt tgaaatgcat cttataatca tttt 404

<210> 1598  
 <211> 592  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (63)...(499)

<223> similar to gi63308 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1598

ccttgaccca	gtctatztat	gacaagaagc	ttgtgttaat	gcagaaaaat	ctccagggcc	60
tgggtgcccc	cggccctgca	ggaccaagag	gattcaaagg	agatatgggc	gtgaaagggc	120
ctgttgccgg	cagaggcccg	aaaggagacc	ccggcagctt	gggccccctg	ggaccccagg	180
gtcctcaggg	gcaacctgga	gaggccgggc	ctgtgggaga	aaggggccct	gttggccctc	240
gagggttccc	aggcctcaaa	ggctcaaagg	gcagctttgg	aactggaggg	ccgagaggac	300
agccaggccc	aaaaggggac	atagggcccc	cagggccaga	agggcccccg	gggtctccag	360
ggccctcagg	gcctcaggga	aaaccgggaa	ttgcagggaa	gacagggtca	ccaggccagc	420
ggggggccat	ggggcctaag	ggtgaaccag	ggatccaggg	tccccctggt	ctcccggggc	480
ctccaggtcc	accaggaagc	cagagcttct	actgaggagg	gctggggcag	agccactgtc	540
acacagaatg	ccggaggggc	gcagagcaaa	tccaggcccc	agaaagcctc	ac	592

<210> 1599

<211> 326

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (21)...(197)

<223> similar to gi4309699 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1599

gagggaggag	ggagtagacg	gagagcccga	gggaaggaga	acgagaacgg	aacggagaag	60
aagagaggca	cgaggaggaa	gggaaggagc	gggaacgggg	agcgggagag	aacaaggaga	120
aaagggagag	agagcgacga	acgggacagg	gaaaagaaga	aggaaggagag	gagaacacga	180
agagagatga	cgagccaacg	tgtcctccgc	aaaaccttcc	caaagttatc	ctcccttcct	240
taaattgtat	aactaatcct	ctcatctttc	tgactacatt	atatgttcct	tgaaagtcac	300
ctttatattc	ccttttgtat	ttagaa				326

<210> 1600

<211> 376

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(377)

<223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1)...(326)  
 <223> similar to gi1016012 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1600  
 cgccgctttg tttctcaaga gactgggaat ctgtatatg ccaaagtaga aaaatcagat 60  
 gttgggaatt atacctgtgt ggttaccaat accgtgacaa accacaaggt cctggggcca 120  
 cctacaccac taatattgag aaatgatgga gtgatgggtg aatatgagcc caaaatagaa 180  
 gtgcagttcc cagaaacagt tccgactgca aaaggagcaa cggatgaagct ggaatgcttt 240  
 gctttaggaa atccagtacc aactattatc tggcgaagag ctgatggaaa gccaatagca 300  
 aggaaagcca gaagacacaa gtcaagagtg gggaaanntc ttgagaaatc ccttaatttt 360  
 tcagcaggga ggatgc 376

<210> 1601  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (10)...(360)  
 <223> similar to gi202592 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1601  
 atctcaggag aatccattta ctggagccag aaacctactc catcatcgaa cgccagccct 60  
 tgggtctgagc ctgctggctgt agatgtggaa ctacacagcat atgcattggt ggcccagctt 120  
 accaagccca gcctgactca aaaggagata gcgaaggcca ctagcatagt ggcttggttg 180  
 gccaaagcaac gcaatgcata tgggggcttc tcttctactc aggatactgt agttgctctc 240  
 caagctcttg ccaaatatgc cactaccgcc tacgtgccat ctgaggagat caacctggtt 300  
 gtaaaatcca ctgagaattt ccagcgcaca ttcaacatac aggaggttaa ccgaatggg 359

<210> 1602  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(407)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (3)...(403)

<223> similar to gi433367 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1602

cacaactccg	gtccactcaa	attgctacag	ttcattgtag	tgcacaaacc	acttctcgac	60
atctcctgca	gaaactgagc	cagacttgca	tggtaatcag	tactaatact	ggtcgtgtat	120
acagaccaa	agactgtgaa	agacttggtc	tgtacttaaa	agatatcaac	ctacctaaac	180
ttgataaatg	ggggaccagt	actttggtag	cattcctaca	acagggtattg	acgtatcaag	240
gattttatga	tgaaaatttg	gaatgggttg	gtctagaaaa	tattcaaatt	gtggcttcta	300
tgtcagctgg	aggaagactg	ggaagacata	aacttactac	cagatttact	tccatcgttc	360
gtctttgttc	tatagattac	ccagaaagag	agcagttaca	nacgat		406

<210> 1603

<211> 389

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(390)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (15)...(377)

<223> similar to gi3924913 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1603

aacaacatct	cggacctgag	cccactgtgc	ctgctggaac	aattggaggt	gctggacctg	60
gaggggaaca	gcgtggagga	cctggggcag	gtgcgctact	tgcagctgtg	cccacgcctg	120
gccatgctca	ccctggaggg	caacctggtg	tgcctacagc	cggccccctg	ccccaccaac	180
aagggtgcca	ggggctacaa	ctacagggca	gaggtgagga	agctcattcc	ccagctgcag	240
gtcctggacg	aagtgtctgg	cgcacacaca	ggcccccg	cccccccg	gctgagccag	300
gactggcttg	cggtgaagga	ggccatcaag	aagggcaacg	gccttcccc	gctggactgt	360
tccccgggag	cccccatccg	gagacttgn				389

<210> 1604

<211> 354  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(356)  
 <223> similar to gi2065210 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1604  
 catccaacct gaactgccta tcatgaactg ggtgctttat gacccatcta gccataaagt 60  
 gggtcacgct cagcagcatt ccataatcag atggaagtgg tatctacctg atcgggctcg 120  
 agcaggccct gaaggcacia gtaagttaca tgaggaagtg gctcaaatgc ccatgggtctc 180  
 cactcctgcc accctgcctt ctctttccca gcctgcactg atggcctcag ggggagttcc 240  
 ctattatcaa ttgacagagg aagagaaaac tagggcctgg ttcacagatg gttctgcacg 300  
 atatgcaggc accacccaaa agtggacagc tgcagcacta cagccccttt ccag 354

<210> 1605  
 <211> 438  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (6)...(402)  
 <223> similar to gil504040 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1605  
 tttccaatct tcatcatttg atactgaaca acaatcagct gactttaatt tcctctacag 60  
 cgtttgatga tgtcttcgcc cttgaggagc tggatctgtc ctataataat ctagaaacca 120  
 ttccttggga tgctgttgag aagatgggta gcttgcatat ccttagtttg gatcacaata 180  
 tgattgataa cattcctaag gggaccttct cccatttgca caagatgact cggtttagatg 240  
 tgacatcaaa taaattgcag aagctaccac ctgacctctt ctttcagcga gctcaggtac 300  
 tagcaacctc aggaatcata agcccatcta cttttgcatt aagttttggt ggaaaccctc 360  
 tgcattgcaa ttgtgaattg ttgtggttga ggcgtctgtc cagagaagat gacttagaga 420  
 cctgtgcttc tcctccac 438

<210> 1606  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(370)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1)...(369)  
 <223> similar to gi3135968 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1606  
 gctttccgga gtgattcacg tcttgcagaa catcagagag ttcatactgg agagagacct 60  
 tacacatgta atgaatgtgg caagggtttt agtacaaaag catacctcgc atgtcatcaa 120  
 aaacttcata ctggagagaa actttacgaa tgtgaagaat gtgacaaagt ttacattcgc 180  
 aaatcacacc ttgaaagaca taggaggatt catacaggag agaaacctca caagtgtggt 240  
 gattgtggta aagcctttta ttcaccttca caccttatta ggcacagag aatccatact 300  
 ggacagaaat cttacaaatg tcatcagtgt ggcaaggtct ttagtctgag gtcactcctt 360  
 gcagaacan 369

<210> 1607  
 <211> 883  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (595)...(680)  
 <223> similar to gil665769 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1607  
 atttagtaat gttttattag ccagctattc agtgacagca ttagagattc agctttgttt 60  
 ctccataata ctttgctagg gccataaat gtaagcttga cttttagcaa ctgttttact 120  
 atatactgca aatagagctg cttaaaaagc atattaacaa agccatttgt caaatggatt 180  
 tgaaaggctt tttaaaagtc accaatgtta atgttttaaa aattgtgggg tggagagaaa 240  
 cagtgttgga acagttcagc attttgtttt gagattaagt gcaactattg acaaggggat 300  
 tcttgaggtc catgcctcat aaacactcag agtgctgttt accagggctc ctggtccttg 360  
 ccagaatata atctctgact aggtttgatc taaaaggagg attctatgca cctgtggcaa 420  
 ctggcactta ggcgggtgtc tgggtgttaac agatttgaat tcacatcttc tgagcctcaa 480  
 attgtactca gtgggcgaat acaggcatgc ttttgctttg gttccatagt atggtaagat 540  
 taatattaag aaaatagaag gtataactta attacctttt tttctgggac tgtgaagaaa 600  
 tccttatttg agaagccctc agagctcatg tcacattcat cctctttcct gtccctcacc 660  
 ggattctctc tcaatcaggt aggtgaacaa tgaagaatcc tgctgtgtgc ttttagtgta 720  
 gactgatcat tgtctttctc atactgtttc agtatgtctg ttttttctt attttccatg 780  
 tattagtgtta ttccagatat ttgattttat ccccttgtgc tctgattggg gcatactagt 840

gacttgtaga tcatgaatta aaacccttta acttctcatt aat

883

<210> 1608

<211> 310

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (215)...(48)

<223> similar to gil334643 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1608

cacggccac	cttctgccc	cctcgccctgc	cacggccac	cttctgtcc	cctcgccctgc	60
cacagccac	cttctgccc	cctcacctgc	cacggccac	cttctgccc	cctcgccctgc	120
cacggccac	cttctgccc	cctcgccctgc	cacggccac	cttctgtcc	cctcgccctgc	180
cacggccac	cttctgccc	cctcgccctgc	cacggccac	cttctgccc	cctcgccctgc	240
cacagccac	cttcccgctc	tcacctgcca	cgggccacct	ttccatcctc	acctgccaca	300
gctcaccttg						310

<210> 1609

<211> 350

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(211)

<223> similar to gi441415 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1609

ggaagcccca	gctcagcttc	tcttctctct	gtactctctg	ctcccagatg	ccaccggaca	60
aattgtgttg	acacagtctc	cagtcacctt	gtctttgtct	ccaggggaaa	gagccgccct	120
ctctgcagg	gccagtcaga	ctgttaacaa	cctcttagcc	tggtaccaac	agaagcctgg	180
ccaggctaca	tgtctgctct	tttctgatat	attctatcaa	tctcttttcg	acagcatatg	240
ttacttccgt	tctcttttct	ccactatcga	gtacctgtaa	cttattctac	gtaattgctg	300
atactatgtc	taccggggca	tcctattaga	aagttaaatc	ctcgatggcg		350

<210> 1610  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(300)  
 <223> similar to gi4754905 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1610  
 aaaagactta agtactggct gtggtgatgg tgaaccaagg atattggagg ctagtcaaag 60  
 gctacaagga catcctgaga aatatggtaa aggtgaacca aagactgaaa gcaaaagtgc 120  
 gaagttaaaa agtaactcag attctgacta taaagggtgaa cgcattaact cttcttggga 180  
 gaaagagacc cctggagaaa gggtcacacag tcgagtagac tctcaaagtg acaaaaaact 240  
 agaaagacaa agtgaaagat cacaaaatat aaataggaaa gaagttaaata cacaagac 298

<210> 1611  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (165)...(285)  
 <223> similar to gi50866 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1611  
 tcatgttatt cttaatgtac ttacatatatt catcaacatc cctgtaggta tcaagtctca 60  
 cactgttgcc tcctcctaca taaatacctt tctcactttg atactttatg tcaggcactt 120  
 gggttttgtg cttggcaact ccctcctccg cactctaata ttagtagcagaa gagcaaagca 180  
 tatatgaaaa ggagagaata gcacatgcaa aacaaattat aaagccattt attctcagaa 240  
 gagtaaaaga agaggttctc aagcagttac cccccaagaa ag 282

<210> 1612  
 <211> 306  
 <212> DNA  
 <213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (222)...(309)  
 <223> similar to gi406113 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1612  
 agacggctga aaagggaggg gtattgaggg cggttcagag ggcgaggaga ggggcgtaga 60  
 gaacctgtgg agaagaagtt cactggaggg gcattaggcc tcgcactatg tatccagatc 120  
 atcagtaggg gaagagaaaa gatgggcaat atgtatagtc agacgagaag tgggatcaaa 180  
 cagagggctc atggagaagt aggctaccca ccacataacc ccatcatagg attgcaggag 240  
 atacagctat agataagaat atccaccagt cgggtgagtga gcagatcaag aagaactttg 300  
 ccaaga 306

<210> 1613  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(346)  
 <223> similar to gi1061310 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1613  
 agtcactggc tccctgcaca ttggccacgc actcacgggtg gccatacagg atgccctcgt 60  
 gcgctggcac cggatgcgtg gggatcaagt gctgtgggtc cctgggttcag atcatgcagg 120  
 aattgctaca caagctgtgg tggagaaaca actgtggaag gaacggggag tgaggagaca 180  
 tgagctgagc cgggaggcct tccttaggga ggtgtggcag tggaaggagg cgaaagggtg 240  
 agagatctgt gagcagctgc gagctctggg tgcctccctg gactgggatc gagagtgttt 300  
 taccatggat gttggctcct cagtggctgt gactgaagct ttg 344

<210> 1614  
 <211> 256  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (15)...(259)  
 <223> similar to gi6016932 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 1614
cggccgcgctc gacgaatgcc attgtgtacc acggcagcca gatcagcagg cagatgatcc      60
agcagtatga  aatgggtgtac agagacgccc agggaaaaccc cctttcagga gtcttcaagt    120
tccacgtcgt  catcacaaca tttgaaatga tcctagcaga ctgcccagag ttgaagaaga    180
ttcactggag  ctgtgtgata attgatgaag cccacagact gaagaatagg aactgcaaac    240
ttctggaggg  tctaaa                                     256

```

```

<210> 1615
<211> 316
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (221)...(318)
<223> similar to gi219992 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1615
ccacactcac  atttaatata ctgttaggtt gtttactttg aggcaatgtc atcctcatta      60
gtatagggca  ttatatcct  gaatagcaga atactcctcc attcatgaag ttcagtatta    120
tacattctta  ttattgcaca acaaatagaa gactttggat ttccttatat aagtaccttg    180
acagatgact  aacccatfff tcctatgctt tacaactatg atcagtaact gtaatttttt    240
taaaggtcct  cctggacccc cgggtgaaaa aggagatcga ggtccactg  gagaaagtgg    300
tccacgagga  tttcca                                     316

```

```

<210> 1616
<211> 137
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(126)
<223> similar to gi2995384 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1616
tctcttcgcg  gtgccagact aaagtcaagc tcaacagggc cttctttacc cgctgattcc      60
gccaaagccc  ttcccttggc tgtggtttcg ctggatagta tgcacggaca gggggaatct    120

```

<210> 1617  
 <211> 414  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (29)...(416)  
 <223> similar to gi2246532 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1617  
 ggggaagaca ccagagggga ttgatgccat tgaggaaata gagatagatt tggaagaaac 60  
 tgaaagagaa atatccccac aggaaaatgg cctagaggag gttaagcctc taggtgaaat 120  
 gcaaacagat ttgaaagcaa ccggaaggga gatttcccca agggagaaga caccagaggt 180  
 gattgatgcc actgaggaaa tagacaaaga tctggaagaa actggaagaa gagaaatatc 240  
 cccagaggaa aatggcccag aggaggtcaa gcctgtagat gaaatggaga cagacttgaa 300  
 aacaactgga agagagggtt cctcaaggga gaagacacga gaggtgattg atgctgctga 360  
 ggtaatagag acagatttgg aagaaactga aagagaaata tcgccacagg aaac 414

<210> 1618  
 <211> 94  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(95)  
 <223> similar to gi488513 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1618  
 cggggcatgg accaagggtg ctttggtgga ggaagccgag gtggccctga ggggccccct 60  
 ggacctgaaa tctcaggcat gggagtccga agat 94

<210> 1619  
 <211> 325

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (3)...(298)  
<223> similar to gi3880170 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1619  
ctcagatcct gggaaaagtc tattccgttc tcagtgcacag agaacagaga gcagtgtacg 60  
atgagcaggg aacagtggac gaggactctc ctgtgctcac ccaagaccga gactgggagg 120  
cgtattggcg gctactcttt aaaaagatat ctttagagga cattcaagct ttgaaaaga 180  
catacaaagg ttcggaagaa gagctggctg atattaagca ggcctatctg gacttcaagg 240  
gtgacatgga tcagatcatg gagtctgtgc tttgcgtgca gtacacagag gaacccagga 300  
taaggaatat cattcagcaa gctat 325

<210> 1620  
<211> 339  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (234)...(342)  
<223> similar to gi5714636 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1620  
gacaatacca aatgaatgaa cgtgactgtg ttccaacaaa actttattta caaaaacagg 60  
gatgggccgg atgtagccag aggccataat ttgccaaacc ctgatttaga cgaaggaaag 120  
gagcagtgtc tctactgcttt taaattaatt ctgtattctc acaaggccta cattgaaatg 180  
gaattatagc ctcatttttt cttagaacct ttatatatttg ttttattcat atacagggtt 240  
gtcaagctgg acagactatt aaagttcaag tctcctttga tttgcttagt ctgatgttta 300  
catttgtaag tccatgtacc aacgatttaa tcatacacg 339

<210> 1621  
<211> 599  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature

<222> (214)...(540)  
 <223> similar to gi4128033 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1621

ctgagtcgaa	acttggatgt	gcgagctttc	atttacaaga	ctctgatgcc	ttctgaagca	60
aatggccttg	tcaactcctt	gctggatata	gtttccagcc	tcagcgcctt	gcttgccaaa	120
gccagcacg	tctttgagta	tcttcctgag	tttcttcaca	cattttaa	aat cactgccttg	180
ctagaaaccc	tggactttca	acaggtttca	caaaatgtcc	aggccagaag	ttcagctttt	240
ggttcctttc	agtttgtgat	gaagatgggt	tgcaaggacc	aagcatcatt	ccttagcgat	300
tctaataatgt	ttattaattt	gccagagtt	aaggaactct	tggaagatga	caaagaaaaa	360
ttcaacattc	ctgaagattc	aacaccgttt	tgcttgaagc	tttatcagga	aattctacaa	420
ttgccaaatg	gtgcttttgt	gtggaccttc	ctaaaaccca	tattgcatgg	aaaaatacta	480
tacacaccaa	acactccaga	aattaacaag	gtcattcaaa	aggctaatta	caccttttat	540
attgtggaca	aactaaaaac	tttatcagaa	acactgctgg	aaatgtccag	cctttttcca	599

<210> 1622  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(382)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (76)...(381)  
 <223> similar to gi4468310 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1622

atggtacttt	agtttgaaat	ttgaaaatgg	ggcatttata	gtgttactgt	aagttcattt	60
tgctgccttt	tcagtggaga	agagtttttc	ccaacatcca	atagtcttct	tcattggaaca	120
catgtgcctt	ccacagagga	aanttntngt	atagttgtgt	ttatagagat	gaattatttg	180
taatgagtag	cgaggttctg	tatttgttat	tattgttatt	atgagggata	tgtttaagtg	240
tggtttatat	tctagatagt	tattgttgat	atatatgatg	tgagtgaatt	ttttgtatgt	300
ggctttaata	tagccttttg	taatttgggt	tcttgaggtt	tggaatcgat	tattcctgtt	360
actggatgat	ttggttttcc	g				381

<210> 1623  
 <211> 624

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (115)...(589)  
 <223> similar to gil430907 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1623  
 ggctggggga aaaacctccc ttggggggccc ccttcgtgga agagcccccc agatgggaac 60  
 aagtacaatg tgggtggccat actctccact gagctcctga acaaagctg cgtggggcat 120  
 gtgccagtgc ggggcctgtc caagggtctt ggctgcccc cccaggaacc ctggatccag 180  
 tttgccacca tccgagacaa catcctcttt gggaagacat ttgatgcaca gctgtacaag 240  
 aaggtgctag aagcctgctc cctcaatgat gacctcagta tcctgcctgc tggagaccag 300  
 acaaaggtgg gggagaaggg tgtcaccctt agcggaggac agcgtgccc gattgccctt 360  
 gctcgtgctg tctaccagga aaaggagctc tatctcctcg atgacctct ggccgctgtg 420  
 gatgcagatg tggccaacca cctgctgcac aggtgcatcc tgggcatgct gagctacacc 480  
 acacggctgc tctgcacca ccgcactgag tacctggaga gggctgacgc ggtgctgctg 540  
 atggaggccg ggcgcctcat ccgggctgga cctccctctg agattctgcc actggtacaa 600  
 gctgtcccca agtcgacgcg gccg 624

<210> 1624  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (6)...(322)  
 <223> similar to gi3420983 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1624  
 gagaaattcc agatgcagcg gttatacatg ctgcaaggaa aaagcgccaa atggcccag 60  
 aattgggaga tttcactcct catgataatg agcctggtaa aggccgcctt gttagagaag 120  
 atgagaatga tgccagtgat gatgaagatg acgatgagaa acgccggata gttttttctg 180  
 tgaaagaaaa gtcacaaaga caaaaaattg ctgaggaaat aggaattgag gggagtgatg 240  
 atgatgcttt agtaactgga gaacaggatg aagagctcag ccgatgggaa caggagcaga 300  
 taaggaaagg aattaatatc cctcaggttc aagccagtca acc 343

<210> 1625  
 <211> 372

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (252)...(366)  
 <223> similar to gil377870 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1625  
 agccatcttt ctttgggctc ccagtttact tgggccacta taaatagagg atgctgcagg 60  
 atcaaaaatat accacatcaa ttaaaatcat gtttgtcctc cattgactgg taattttaag 120  
 taagggtggtg aacattttta gaagctcacc agtatgttaa acagattctc aacatcaaat 180  
 actaccatga taggatgcaa aataattttc tggtaatat aattagtggt tgatgggctt 240  
 aatttttttt aggtgctgat attgatgcgt tgtgtgttgc cccaagacat gttgatcgaa 300  
 gtgacttttt cacctcattg tatgataagt tgaaattaca ggaagaagta aaagatttaa 360  
 gagtgcgtaa at 372

<210> 1626  
 <211> 265  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(265)  
 <223> similar to gi3015538 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1626  
 tgacaattgg gcggaatat ttactgaaga agaagacagg gacaattgtg gaagaaagag 60  
 taaatcgctc tggatggaat gaagatgatg atgtatctgt ttcagatgag agtgagctcc 120  
 ccacaagtac caccctgaag gcctccgaga agtctacaat ggaacagttg gtggaaaaag 180  
 cttgtttcag agactatcag cgtttaggtt taggaacat aagtggcagc tcttcccggt 240  
 caagaccgga gagtgcgacg gcccg 265

<210> 1627  
 <211> 551  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature

<222> (6)...(521)  
 <223> similar to gi3879755 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1627  
 atattattga aactcgaaaa gtccttgatt taaggataaa tctgaagcct tcttatctag 60  
 tagttccaca gacgggtttc caccatgaaa agtcagatct tctgatttta gatttttgga 120  
 catttcagct caacagtaaa gatcaagggt tacagaagac tactaattca tctctggaag 180  
 aaataatgga taaggcatat gacaagtttg atgttgaaat aaaaaatgta caactacttt 240  
 ttgcaagagc agaggaaacc tggaaaaagt gtcgatttca gcatccatca actatgcata 300  
 tattgcaacc catggatatt catgttgagt tggctaaggc catggtagaa aaagacatta 360  
 gaatggccag atttaaagtgc tcaggaggac ttgctttgat gcatgtgaga atttctgacc 420  
 agaagatgaa agatgagcta tatttgatga acagtatacc tttgccacag aaatcatcag 480  
 cccagtctcc agagagacag gtatcctcaa ttcctattat ttcaggtggg acaaaagggtc 540  
 tacttggtac t 551

<210> 1628  
 <211> 724  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(725)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc\_feature  
 <222> (470)...(711)  
 <223> similar to gi969093 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1628  
 agagcggggnnnnnncctcg aaacctgata gacgttggaa ttcgaaaagg aagatctgat 60  
 gaatggtgtt aaaaaagaaa tctccatttc tattattggg aagaagcgta aaagatgtgt 120  
 tgttttcaat caaggtgaat tggatgctat ggaataccat acaaagatca gggagctgat 180  
 tttggatgga tctttacagt tgatccagga aggtctcaaa agtgggttttc tttatccact 240  
 ttttgaaaaa caggacaagg gtagtaagcc cattacttta ccacttgacg cctgcagttt 300  
 gtcagaatta tgtgaaatgg caaagcattt gccttctctg aatgaaatgg aacatcagac 360  
 attacaattg gtggaagagg atacatctgt tacagaacag gatttatttt tgcgagttgt 420  
 tgaaaacaac tctagcttta caaaagtgat tactttaatg ggacagaaat acctgctacc 480  
 accgaaaagc agttttcttt tatctgacat ttcttgtatg caaccacttc taaactatag 540  
 gaaaacattt gatgtaattg tgatagatcc accatggcag aacaaatcag ttaaaagaag 600  
 taataggtac agttatttgt cacccttgca aataaagcaa atacctatcc cttaaattggc 660  
 tgctccaaac tgtcttcttg ttacttgggt gaccaataga cagaagcacc tacgttttat 720  
 aaag 724





<210> 1631  
 <211> 320  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(126)  
 <223> similar to gi406225 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1631  
 catgtcacta cagtgaacag tacaaattgt aagaagacac cacctgaaga ttgtgaggg 60  
 ccttttagac ctgcagaaat cctgaaagaa ggaagtgttc tagatattct gaaaagccct 120  
 ggtaagataa ttaaagata agccttttga ttacaaactc atgatctcaa tttaatgtca 180  
 ttttgtatta tacttttaggc ttttaaaaat ttctgactag tttggtagga gatttacttt 240  
 tgaatagaga tgtagttagg tgtaattcct ttgctggaaa tatcttaca gccaaaggac 300  
 tctatactaa aatgaaattt 320

<210> 1632  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(341)  
 <223> similar to gi6016932 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1632  
 gttccacctt tgctaaggca agctttgttg cttctgaaaa caggacagat atttctttgg 60  
 atgaccccaa cttttggcaa aagtgggcca aaaaggctga cctagacatg gatctgctca 120  
 acagcaagaa taatttggtt attgacacac ctagagtacg aaaacaaacg cgccacttta 180  
 gcaacttgaa agatgatgac ctggtggaat tctctgattt ggaaagtgag gatgatgagc 240  
 ggccacgctc ccgcagacat gaccgtcatc atgcctatgg gcgcactgac tgctttcggg 300  
 tggaaaagca tctcctggta tatggttggg gacgatgg 338

<210> 1633

<211> 334  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(336)  
 <223> similar to gi4102929 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1633  
 agaattcctt ggtcacagaa tagtacgaca tgctcagaaa cattacaaag atggaattta 60  
 tagttgcccc atatgtgcaa agaacttttaa ttctaaagaa acttttgtcc ctcatgtcac 120  
 actgcatgtt aaacaatcta gtaaagagag actagcagct atgaaaccat taagaagatt 180  
 gggaaggcct ccaaagatca caactaccaa tgaaaatcag aagactaata ctgtggctaa 240  
 acaggagcag cgacctataa aaaagaatag tctctattca acagatttta tagtgtttaa 300  
 tgacaatgat ggttcagatg atgagaatga tgac 334

<210> 1634  
 <211> 302  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (142)...(303)  
 <223> similar to gi483916 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1634  
 atgaaacatg aagcagaaaa aatccaaaac agaagagcct ccttggtttt attagctttt 60  
 atcagcaaga cagaaacatc tggaaaaata tttttgacct taagttttaca gccaaagagg 120  
 tcttttttaa aatgtctacc ccaaatagcc aaagcaattt tgagcaaaaa taacaaagct 180  
 gcagatagca cactatctta cttcaaaata tactacaaag ctatagtaat aaaaatagca 240  
 caacagtggc ataaaaacag acacacagac cagtggaaca caatagatag ccaagaaata 300  
 aa 302

<210> 1635  
 <211> 310  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (2)...(96)  
 <223> similar to gill129173 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1635  
 cctgggccaa gtgattacag cacttgctga cgtgggtaat ggaaaacaga gacatgtttg 60  
 ctacagagac tccaaactta ccttcttact acgggtaaag tagatccttg ggttcctggg 120  
 ctcccttttg ttatgctaaa gttgatagt ggacagtctc tcagccttg tggcaagagt 180  
 atacattttc ttgcttaaa aaggcttgt gatttctcac cgaaaatatg ttcattccta 240  
 tcattaaaca ggattccctt ggaggtaatg ccaaaacagc cataattgca aatgttcac 300  
 ctggatccag 310

<210> 1636  
 <211> 330  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(332)  
 <223> similar to gi3170837 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1636  
 catgaaacac ctgtggttct tctcctcct ggtggcagct cccagatggg tctgtccca 60  
 ggtgcaatta caacaatggg gcgcaggcct gttgaagcct tcggagaccc tgtccctcac 120  
 ctgcgctgtc tctggtgaat ccatcagtc ttacgactgg gcctggatcc gtcagccccc 180  
 aggggaaggga ctggagtgga ttggaaaaat cattcatagt ggcagcacca actacaaccc 240  
 gtccctccag agtcagagt ccatatcagt agacacgtcc aagaatcagg tctccctgag 300  
 gatgacctct gtgaccgccg cggacacggg 330

<210> 1637  
 <211> 305  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(234)  
 <223> similar to gil212992 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



```

agtgtgagca ggacgtggct cattcatagt cccctcctgt ccccttgag tgcagtgagg 240
taggcatttc catgaaaagg aatacactga gaatgttctc atcaagagga ccttttagtt 300
taactttgaa agatactttt ctggaact 328

```

```

<210> 1640
<211> 296
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(299)
<223> similar to gi4927958 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1640
gcaacaatga cattggaggt tacaattttg tctcctgggt ccagcaacac ccaggcagag 60
cccccaaact tcttatttat gaagtcacta atcgggcctc aggggtttct gctcgcttct 120
ctggctccaa gtctggaaac acggcctccc tgaccatctc tgggctccaa cctgaggacg 180
cggcttatta ctactgcttc tcatatactg aactgacgc tcgcgtgggt ttcggcggag 240
ggaccaagtt gaccgtcgtg ggaactgtgg ctgcaccatc tgtcttcac ttcccg 296

```

```

<210> 1641
<211> 319
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (119)...(216)
<223> similar to gi3413902 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1641
cgagtctaca caaagctcct aggggtttcaa aatataaaaa gtgatacgct taagtttttt 60
gccttttaat aatattctat aaatcaaaaa acctcatcct ataacttatt atattaatag 120
actattattc aaagacaaag atcggacttg ggatgacata gaaagcaaat taagagccga 180
aagtgaagtc cctattgtga aaacctcaag catggtatag taatttttct tgaagattca 240
cacattttta tagagtttta ttttaaggaa aagaccctta tttttgagct gttcgttgat 300
ttgctttttc aaaagaaga 319

```

<210> 1642  
 <211> 803  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (333)...(434)  
 <223> similar to gi436224 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1642  
 ccctgaaaac atttgggagt aaaataaaat gtattagaga agcactaaaa gattacggaa 60  
 gaccttttct tttttctttt gttcctcccc caaagtgtccc gggttcctctc tatctagaac 120  
 atacggtttt ttgtcttgga aaccttttag tagcacacac ttactagtat ttatgatact 180  
 gtttagtaaa tgggtcaactt agaggctaga cctttggata taatctcatt gtatgataat 240  
 ttttgtattt atactttttt cctgaaatgt tacatttgtc ttttaaaatt ctacttaatt 300  
 atatttcta atcttaactta aaagttacca gcttgcaaac atttgctatt ccagggtcta 360  
 tattttctcag tatactctca ggggtttcttt atccctttcc actagcctta tttcttggtt 420  
 gtttggttaag tatgaaaaaa taaaattggg agactgaaaa aacaatagaa tgatgaggat 480  
 gatgatgata ctttaaccct actagtctat gtaagcataa actcattaat tgaagaggag 540  
 ttaatgttaa agtccctcca caaggagggtg ttataatttg tttttccccc agaacagacc 600  
 aattatagac ttagttgcat ttataagcta tgtttttagct tttctttcct attggatttt 660  
 gtaactgcga cagtccaagg agtggttggtg agcacaatga gttaagtccc agagccagag 720  
 gtggtgtttt caagcttagg aactgggggg tcgggggtag ggtcgggggg aggtggaaat 780  
 tggctcctga aattttattc tta 803

<210> 1643  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(329)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc\_feature  
 <222> (2)...(237)  
 <223> similar to gi451544 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1643  
 ctctgcacct cctccatctg aggcctggt cttctctgca cctcctccat ctgagcccct 60

tcccttctct	gcacctcctc	catctgagcc	ccttcccttc	tctgggcctc	ccccatctga	120
cccccttccc	ttctctgcac	ctcctccatc	tgagccccctt	cctttctctg	ggccccctcc	180
tccatctgag	cccccttcct	tctctggggc	aagaagcatg	gccaccgagg	ctccagctta	240
acggtatttg	gaggtcaagg	tcggggnnng	gnnnnnnnnn	cntntntntn	anatttatna	300
attttatata	ttgaaatata	ttatatgc				328

<210> 1644  
 <211> 2018  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (36)...(1433)  
 <223> similar to gi3882257 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1644						
acaagttatc	tgtgaatcat	aggagaacac	atcttacaaa	actcatgcac	actggtgaac	60
aagctacttt	aaggatatcc	cagagcttcc	aaaagaccac	agagtttgat	acaaattcaa	120
cggatatagc	tctcaaagtt	ttcttttttg	attcatataa	catgaaacat	attcatcctc	180
atatgaatat	ggatggagac	tacataaata	tatttccaaa	gagaaaagct	gcatatgatt	240
caaatggcaa	tgttgcagtt	gcatttttat	attataagag	tattggctct	ttgctttcat	300
catctgacaa	cttcttattg	aaacctcaaa	attatgataa	ttctgaagag	gaggaaagag	360
tcatatcttc	agtaatttca	gtctcaatga	gctcaaacc	accacatta	tatgaacttg	420
aaaaaataac	atttacatta	agtcacgcga	aggtcacaga	taggtatagg	agtcctatgt	480
cattttggaa	ttactcacct	gataccatga	atggcagctg	gtcttcagag	ggctgtgagc	540
tgacatactc	aatgagagcc	cacacctcat	gccgctgtaa	tcacctgaca	cattttgcaa	600
ttttgatgtc	ctctggctct	tccattggta	ttaaagatta	taatattctt	acaaggatca	660
ctcaactagg	aataattatt	tactgattt	gtcttgccat	atgcattttt	accttctggt	720
tcttcagtga	aattcaaagc	accaggacaa	caattcacaa	aaatctttgc	tgtagcctat	780
ttcttgctga	acttggtttt	cttggtggga	tcaatacaaa	tactaataag	ctcttctggt	840
caatcattgc	cggactgcta	cactacttct	ttttagctgc	ttttgcatgg	atgtgcattg	900
aaggcataca	tctctatctc	attggttggtg	gtgtcatcta	caacaaggga	tttttgca	960
agaattttta	tatctttggc	tatctaagcc	cagccgtggt	agttggattt	tcggcagcac	1020
taggatacag	atattatggc	acaaccaaag	tatggttggt	tagcaccgaa	aacaacttta	1080
tttggaagtt	tataggacca	gcattgcctaa	tcattcttgt	taatctcttg	gcttttgagg	1140
tcatcatata	caaagttttt	cgtcacactg	cagggttgaa	accagaagtt	agttgctttg	1200
agaacataag	gtcttggtga	agaggagccc	tcgctcttct	gttcttctc	ggcaccacct	1260
ggatcttttg	ggttctccat	gttggtgcacg	catcagtggt	tacagcttac	ctcttcacag	1320
tcagcaatgc	tttccagggg	atgttcattt	ttttattcct	gtgtgtttta	tctagaaga	1380
ttcaagaaga	atattacaga	ttgttcaaaa	atgtcccctg	ttgttttgga	tgtttaaggt	1440
aaacatagag	aattggtgat	aattacaact	gcacaaaaat	aaaaattcca	agctgtggat	1500
gaccaatgta	taaaaatgac	tcatcaaatt	atccaattat	taactactag	acaaaaagta	1560
ttttaaatca	gtttttctgt	ttatgctata	ggaactgtag	ataataaggt	aaaattatgt	1620
atcatataga	tatactatgt	ttttctatgt	gaaataggct	ctgtccaaaa	atagtattgg	1680
ccagatatatt	gggaaaagta	aattgggttt	cctcaggagg	tgatatcccc	ttgcacccaa	1740
gggaaaagat	tttctttcta	acacgagaag	tatatgaatg	tcctgaaggg	aaaccctggg	1800
ccttgatatt	tctgtgactc	gtgttgctct	tgaaactagt	cccctaccac	ctcggtaatg	1860
agctccatta	cagaaagtg	aacataagag	aatgaagggg	cagaatatca	aacagtga	1920



```

agggaatgat aagatgtatt ttgaatgaac tgttttttct gtagactagc tgagaaattg 1980
ttgacataaa ataaagaatt gaagaaacaa aaaaaaaaa 2018

```

```

<210> 1645
<211> 171
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (58)...(142)
<223> similar to gi4537890 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1645
gtatatacta ttaatctagg ctatttctga cactgttgat tttccttttc cccttaggtg 60
aggcaggcga ctaatcagat tgtgatgaat tgtgctgata ttgatattat tacagcttca 120
tatgcaccag aaggagatga aggtaagagc tgttttccat ttttaatttgc t 171

```

```

<210> 1646
<211> 168
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(169)
<223> similar to gi763431 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1646
ggcacgagag ctttcaaagc atgggcagta gctgcgctga gccagagagg tggcaaagct 60
gagtcctgcac aagattgcaa gttagtgaac gatcttacca acgtccacac cgaatgctgc 120
catggagatc tgcgtgaatg cgcagatgac agcgcgctcc ttgtcaag 168

```

```

<210> 1647
<211> 429
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (64)...(430)  
 <223> similar to gi622993 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1647  
 ggcacgaggg aagctgcccc gtccaggttc atgttcctct tatttctcct cacgtgtgag 60  
 ctggctgcag aagttgctgc agaagttgag aaatcctcag atggtcctgg tgctgcccag 120  
 gaacccacgt ggctcacaga tgtcccagct gccatggaat tcattgctgc cactgaggtg 180  
 gctgtcatag gcttcttcca ggatttagaa ataccagcag tgcccatact ccatagcatg 240  
 gtgcaaaaat tcccaggcgt gtcatttggg atcagcactg attctgaggt tctgacacac 300  
 tacaacatca ctgggaacac catctgcctc tttcgctcctg tagacaatga acaactgaat 360  
 ttagaggacg aagacattga aagcattgat gccaccaaat tgagccgttt cattgagatc 420  
 aacagcctc 429

<210> 1648  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (10)...(366)  
 <223> similar to gi3600064 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1648  
 ggcacgaggg aaaaaattca aagtgtctca gtccgtagaa gagatcctag tgttccatta 60  
 cagctcttag tgttccctac tctccattct cctataggag tgattgttca aaatgttgac 120  
 ttagttaaat tgtccttttt aacgcacagt acgactagaa ctttctcaat ttatttagat 180  
 caaatagcta ttcttatagg ccaaatacaa ctgagaatag tcagactcat tggcaccgat 240  
 cgagataaaa atgtagttcc tttaaacaaa gcacaggttc gacaagcctt tattaattcg 300  
 tcagaatggc agtcaaattc ggctgatttt gttggcagta tagatattca ttaccctaaa 360  
 actag 365

<210> 1649  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (10)...(222)  
 <223> similar to gi4809337 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1649  
 ggcacgaggc ttggcaagag agattatattg gagaaagcag gagaattaat gaggctggct 60  
 ttaaaagagg aagaagaaga cgactatgaa gctgcttctg atttttatag gaaggaggtt 120  
 gatttactcc tagaagggtgt tcaaggagag tcaagcccta cccgtccaga agctgtgaag 180  
 agacgatcag ccgagtacct tatgcggaca gacagcatct ctagtcttta tgggaaacct 240  
 cagcttgctg atgtatctta tgtgtgtctc caacttctga tggcactcct actcatctga 300  
 ctcgggcccc cccactcgtg ccggctccct gagcccaat cgctagacac ccgctcctgt 360  
 tcttcctgca actcaccctg ctgctctgtg cgtccgccgt ctcg 404

<210> 1650  
 <211> 717  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(157)  
 <223> similar to gi3789765 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1650  
 gatgaaactt ccggtctcat tgtccgggaa gtgagcattg agatttcgcg ccagcaagtg 60  
 gaagaactct ttggacctga agattactgg tgccagtgtg tggcctggag ctgagcgggt 120  
 accacaaaga gccggaaggc gtatgtgctg attgcatagg aactcatgac ctgacatcca 180  
 ttagcagagt catcagagtc atctggctgc tgtgttgaga atggaccatg ctgggcaagg 240  
 ggagaagcag gaagaccagt gatgagactg cagctatgag agatgttaag ctactgtaga 300  
 ttggaagcag tggaggtggt gaggccagga tttcagatat atttaaaagt agagataaca 360  
 gcttttggtg agaccttgga tgtgtgatgt gagagaaaga agagaaagga tgattttgaa 420  
 agggcctaag cctttatcca aggatttctt tcaaagtgtc ttagtgaagc cattcctgcc 480  
 tcacagaggg aggaggctgg gcatttcctt ctcaatactt tcagagcagt ttgtccatac 540  
 ccctaataata gtgcttgtct catttcgaat tatattcact cgtaaaattt gtgtttcatg 600  
 ccagtgaagt ccatgagatc aagaattcta ttgtacttaa ttttatatct ctctgtctta 660  
 gcacaatacc tagagtatca cagatgttta acaattttct tgaattaaaa ctgttat 717

<210> 1651  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (9)...(342)  
 <223> similar to gil017722 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1651  
 ggcacgagga taaatatata aaagtctttc ataaaatttt caattcaaat agacacaaga 60  
 caagacatac tggagagaaa cctttcaaat gtaaaaaatg tgatgaatca ttttgcacgc 120  
 ttttacacct acatcaacat aaaagaattc atattagaga gaattcttac caatgtgaag 180  
 aatgtgacaa agtgtttaag cggttctcaa cccttactag acacaagaga gttcatactg 240  
 gagagaaacc cttcaaattg gaagaatgtg gcaaagcttt taagcactcc tcaaccctta 300  
 ctacacataa gatgattcat actggagaga aaccctaca 339

<210> 1652  
 <211> 518  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (196)...(336)  
 <223> similar to gi4164366 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1652  
 ctgtcagaat tgcttgatat gtttcagcct tatattcttt attgtgtgct ccctgacggt 60  
 aaccacatct cccacagtat ctgacagttc tgtggcctga gaggcagagt ccatggcttc 120  
 cagaacatgt gtcccaattg gttcctctcc tttcccacct ggactggctg cttttgacct 180  
 ctaactcttt gtcttcaga aaacaataag cctcctcagg cagatgcagt cccagataaa 240  
 gagctgaccc ttctgtgga tagcacaacc ctggatggca gcaagagctc agatgatcag 300  
 aaaattatct catatctctg ggaaaaaaca cagtgaagtat tgacacaaaa tccttatttt 360  
 tgcaaagcct ccagaccttt ggaagagcaa ggttttattt gctattatga gttgagttgc 420  
 tcttaatggc ttatccagtg gggtgactga ggaagaaatg tttgcaattc caaacttcaa 480  
 ctccaagaaa atgatattat aatcataatt tttgtaag 518

<210> 1653  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (9)...(230)  
 <223> similar to gi57125 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1653  
 ggcacgagca agataaaaat aaatacaaca cacccaaata caggatgata gttcgtgtga 60  
 caaacagaga tatcatttgt cagattgctt atgcccgat agagggggat atgatagtct 120  
 gcgcaacgta tgcacacgaa ctgccaaaat atggtgtgaa ggtcggcctg acgtattatg 180  
 cttgtacgta tagtactgtc gtgctggttg ctgcacact tctcgatacg tagtgagctg 240  
 gactcagctg attactagtc actacgctct aagttgtatg ggcacactat ttgtactatt 300  
 aacgacggag ctactatacc aggaagcgga tctgttctgc cgttctgctg 350

<210> 1654  
 <211> 346  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (18)...(160)  
 <223> similar to gi763431 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1654  
 ggcacgagcg gcacgaggaa aatcaagatt cgatctccag tagactggag gaatgctgtg 60  
 aaaaacctct gttggaaaaa tccactgca ttgccgaagt ggaatacgat gagatgcctg 120  
 ctgacttgcc ttcattcatct gctgattttg ccgaccacta tctctccctc tctctacccc 180  
 tcgcttgccc cccctattcc cccccctatt gcgccttact ctcttcatct ctcccccta 240  
 tccctgtctc actctcctct cagtccctcc caccttctcc tcccctgacg cccgtatgtc 300  
 tacatctatc ctctttcgtg gaagtctcta tccgtgctag attacg 346

<210> 1655  
 <211> 368  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (10)...(369)  
 <223> similar to gi2062688 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 1655
ggcacgaggt acagaggaag gaccaccttc atgagtgacc acgtggccag gggcaaggcc      60
atggtgagga gtcacagggt caccaccttt gacaacagga catactgctg ccgcttcaag      120
gatggtgtaa agttcggcga ggccactgtg caggtgcagg tggcagggct gggcagagag      180
cccagaatcc aggtgacaga ccagcaggat ggagtcaggg cggagtgcac atcagcaggc      240
tgtttcccca agtcctgggt ggaacggaga gacttcaggg gccaggctag gcctgctgtg      300
accaatctat cagcctcagc caccaccagg ctctgggctg tggcatccag cttgacgctc      360
tgggacga                                         368

```

```

<210> 1656
<211> 720
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (4)...(718)
<223> similar to gi4895216 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1656
ggcacgaggt ttgatgttga atttgttgat gaaggaagca cttcaatgga tctctttgaa      60
gcatggaaga aggaatataa gttgcttcat gaatattgga tggctctgag gaatcgtgtg      120
tctgctgttg atgaacttgc aatggctaca gaacgactaa gagtgcgtga tcctagggag      180
ccaaagccta atccgcctgt tcttcataatc attgaaccac atgaggtaga acaaaaccga      240
ataaaactac taaatgataa agctgttgct acatcacagc ttcagaaaaa acttgggcag      300
cttctttacc taactaattt ggagaagtct caagataaaa catcgggagg tgtaaatcca      360
gaaccttgtc caatctgtgc tcgacagcta ggaaaacagt gggcggtact gacctgtggt      420
cactgtttct gtaatgaatg catttctata attattgaac aatacagcgt gggatctcac      480
agaagctcca ttaagtgtgc aatctgccgc cagaccacat ctcaaaaaga aatctcgtat      540
gtctttacct cagagaaagc aaaccaggag gaggacatcc ctgtgaaggg cagccattct      600
acaaaagtgg aagctgtggt cagaactctg atgaaaatac agcttagaga tccagggggc      660
aaagcactcg ttttctcaac gtggcaagat gtattagata ttatttcaaa agctcttact      720

```

```

<210> 1657
<211> 349
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = a,t,c or g

```

<220>  
 <221> misc\_feature  
 <222> (22)...(341)  
 <223> similar to gi1930122 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1657  
 ggcacgagcg gcacgagtga agaagctttg tccaagtta cattgaaaaa ggtattgttg 60  
 ttggtctgtt ttcttgatta tgctaaaatt tccagactca ttgatcatga tccttgtctc 120  
 ttctgtaaag atgccgaatt caaggctagt aaagaaatcc ttttggcttt ttcacgagat 180  
 ttcctaagtg gtgaagggtga cctttcccggt caccttggct tattgggatt acctgttaac 240  
 catgttcaga caccatttga tgaatttgat tttgccgtta caaatcttgc cgtagacttg 300  
 caatgtggag tgcgccttgt gcgaaccatg gaacttctca cacagaacn 349

<210> 1658  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (241)...(344)  
 <223> similar to gi412172 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1658  
 ggcacgagga gtgagtccttg aggccagtgt taggtttcag gcggtatcag atttgacctt 60  
 gaggctgggg tcagagtagg gttaggttg ggattagcat tgggattggg tttgggttca 120  
 gttttggtgc cggggtagat ctgatggtgg atctggttag gttagagcta ggttttggct 180  
 tgcattggga gtggggacta ggggaggtgc atagcttcca gccaccctt tctcttcag 240  
 aacttcatca aagccaagca gtacccacca agcacacagg tggaggtgca gaatgatggg 300  
 gctgagtcgg ccgtctttca gcagctcttc cagaagtgga cag 343

<210> 1659  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (33)...(356)  
 <223> similar to gi21992 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1659  
ctctcacctc aaaccctatc tttctgggag cccctcctcc tcctcgcggt gacctgggtcc 60  
tcccagtgcc tcaccggcca ctccggcagct cccactgggt ctacctccat ggtccacctg 120  
gacgttggct acagctgcct aacctgtggc tgcaccttgg tccacgctgc aggccccctct 180  
cagcagggtc tcagcaaccc caacctgggc catgctgcaa gtacctcttg gcaaatcctc 240  
agccgcccc acctgggtcca cgctgcaggt atctctcagc aggtcctcag cagccccaga 300  
ctggtctcca ttctctatct cctccatcca cgccgagccc tatgcagtct cctcgtgcc 359

<210> 1660  
<211> 353  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (122)...(265)  
<223> similar to gi3327162 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1660  
ggcacgagct gcatagggcc ggcgtgggag gaggagaggg tagcagggca gggaaaggca 60  
gggggtgccc tggggttgct acagagcttg ccaacgaggg gaaggggaga ttaagaatgt 120  
aactgaggca ggttccacag ttgcaggagc agtccttaga tccagccatc attcccagcg 180  
atccagtctc tctgatgatg atgaggatgt tctgtattat ggggtctatt tgaatgctct 240  
gatgatctat gctcattctg aagtagatgt tttcttcttt ctcagttttc ggttaatgta 300  
tggtgattgc ttgtttttgt atttctgagt attttttgtc cttattgtta gag 353

<210> 1661  
<211> 391  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (9)...(223)  
<223> similar to gi3114828 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



```

<400> 1661
ggcacgagcg catctatgtg tactccttcc cgcacaatcc ccgaaagctg tttgagttgg      60
ataccgggga caacccaag gggctctgtg acctctgccc cagcctggaa aagcaactgc      120
tagtgttccc gggacacaat tgtgggacta tactagatgt ctatcttata attatatatc      180
ctcgtgatct acccttcacc ttttatgcca attcacatct ccacacttaa agtctaacta      240
ttaacctgta attcagcaca tctcactcac aatactctct ttattatctc taattaatat      300
aataacatgc taaataatta ctataaaactc catcaatctt tcacttcaca ttacaccga      360
tgatctaatc tacttaatca cttgcgattc c

```

```

<210> 1662
<211> 529
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (10)...(500)
<223> similar to gill142660 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1662
ggcacgagtg atcactgggc tgaccgcttt gaggacctgc ccctctattt catgactttc      60
catggacagc aaagcatcag gactgtaata gatacaatgc aacatgcagt ctacgtctat      120
gacatttgtc atgtgatcat cgacaacctg cagttcatga tgggtcacga gcagctgtcc      180
acagacagga tcgcagctca agactacatc atcgggggtct ttcggaagtt tgcaacagac      240
aataactgcc atgtgacact ggtcattcac ccccggaag aggatgatga caaggaactg      300
cagacagcgt ccatttttgg ctacagccaaa gcaagccagg aagcagacaa tgttctgac      360
ctgcaggaca ggaagctggg aaccgggcca gggaaacggg atctgcaggg gtccaagaac      420
cgctttgatg gagatgtagg tgtcttcccg cttgagttca acaagaactc cctcaccttc      480
tccattccac caaagaacaa ggcccggctc aagaagatca aggatgacg      529

```

```

<210> 1663
<211> 367
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (7)...(107)
<223> similar to gi2289788 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1663

```



```

<400> 1665
cgagacccga ccctgggctg ggtgcatcga ggtagatgca aagatgctgg ccagagcaag    60
tgtcgccctg agcgggctca agccctggag caagccaaga agcctcagga agctgtgttt    120
gtcccagagt gtggcgagga tggctccttt acccaggtgc agtgccatac ttacactggg    180
tactgctggt gtgtcaccct ggatgggaag cccatcagtg gctcttctgt gcagaataaa    240
actcctgtat gttcagggtt agtcaccgac aagcccttga gccagggtaa ctcaggaagg    300
aaagatgacg ggtctaagcc gacacccacg atggagaccc agccgggtgt cgatggagat    360
gaaatcacag ccccaactct atggattaaa cacttggtga tcaaggactc caaactgaac    420
aacaccaaca taagaaattc agagaaagtc tattcgtgtg accaggagag gcagagtgcc    480
ctggaagagg cccagcagaa tccccgtgag ggtattgtca tccctgaatg tgcccctggg    540
ggactctata agccagtga atgccaccag tccactggct actgctggtg tgtgctggtg    600
gacacagggc gcccgctgcc tgggacctcc acacgctacg tgatgccagc ttgtgagagc    660
gacgccaggc ccaagactac agaggcggtg gaccccttca aggacaggga gctaccaggc    720
tgtccagaag ggaagaaaat ggagtttatc accagcctac tggatgctct caccactgac    780
atggntcagg g

```

```

<210> 1666
<211> 423
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (231)...(363)
<223> similar to gi4261876 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1666
attganagcg cttgactgta gacacagcta tgactgatct actatattgt atactgggtcc    60
tatagggcat tagttcctca cggagcctaa ttgtgcacga agctcttaac cccctggaga    120
gcactggggg tccatgctga ggccgaggct ggaccatggg aggcctttga cgaagcacag    180
ccattaagcc caactggtac acaggtgatg ggctttgacg ccagccttgt ctccctccac    240
tacaggcccg gtacccccag ttcacacagc gggtagagag acgaggcacc ttttgctcct    300
tcgatactcc cgatgattcc atacggaata agctcatttt aattgccaga aacaaaggta    360
aggggtcagg agtggctgct gagtttcatg agcatccagt atctcctgct gtagctgcca    420
cat

```

```

<210> 1667
<211> 939
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (271)...(649)

<223> similar to gi4008355 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1667

tccgacgccc	cgggtcgacc	cacgcgtccg	gtgagtactc	tgttttgaaa	catatgcttg	60
aactataatg	tgctttgttt	tagttttaaa	gttaaaaaaa	ggaaccaatg	atttttcttt	120
ttagtcaaaa	ctctaaccct	tacagacgtt	ttctgttaat	cttcagggtc	caattaagat	180
attattactt	cattgactgt	gtatgggggg	gggtgacatt	ttaatctgga	ctccaaatct	240
aaaaatgtac	atgttcgctt	ccattaccag	gtacgatttg	atagtgttgg	tggcctgtct	300
aatcatatag	cagctctaaa	agagatgggt	gtgtttccat	tactttatcc	agaagtcttt	360
gaaaaattta	aaattcaacc	cccaagaggt	tgtttgtttt	atggggccacc	tggaactgga	420
aagactctgg	ttgccagagc	acttgccaat	gagtgcagtc	aaggggataa	aagagtagca	480
tttttcatga	ggaaagggtg	tgattgtcta	agtaaattgg	taggagaatc	tgaaagacag	540
ctacgattgc	tgtttgatca	ggcctatcag	atgcgcccac	caattatatt	ttttgacgaa	600
attgatggtc	tggctccagt	acggctcatg	aggcaagatc	agattcacag	gtaaaacttg	660
cttgatggca	cttcaacggt	tcttcctatt	ccctgagtg	tattgatgtg	tgagagatag	720
aatgttaaat	ggtgaaagaa	actttataag	ctagtagttc	cttttttttg	tagtagaacc	780
ccagtatata	gtacaaaaat	aaaaaatgtg	gatggttgca	gtggctcata	cctgtattcc	840
tggcactttg	ggaggccaag	gcaggcagat	cacttgaggt	caagagtttg	agaccagcct	900
ggccaacatg	gtgaaatcct	gtctctacta	aaaaaaaaaa			939

<210> 1668

<211> 666

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (214)...(667)

<223> similar to gi3347953 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1668

aatcgaaccc	gctgaaggcg	tgaacgggcc	cggagctaca	ctggaatttg	gcctgtcttc	60
ctgacaggct	ttgagtgcc	agggcagata	ccaagtcctc	cagtcttcgt	gtcttcccac	120
aggctgctcat	gaaagtgggc	tctgggtgggt	gtttattgac	ttgaattgac	cccaagtgga	180
cgttgctgag	aactgtcatg	cgatttgtcc	ctacagcaac	ctaactcaa	acagaagttt	240
gtggccctcc	tgaagcgggt	taaagtttca	gatgaggtgg	gctttgggct	ggagcatgtg	300
tcccgcgagc	agatccggga	agtggaagag	gacttggatg	aattgtatga	cagtctggag	360
atgtacaacc	ccagcgacag	tgcccttgag	atggaggaga	cagaaagcat	cctcagcacg	420
ccaaagccca	agctcaagcc	tttctttgag	gggatgtcgc	agtccagctc	ccagacggag	480
attggcagcc	tcaacagcaa	aggcagcctc	ggaaaagaca	ccaccagccc	tatggaattg	540

```

gctgctctag aaaaaattaa atctacttgg attaaaaacc aagatgacag cttgactgaa 600
acagacactc tggaaatcac tgaccaggac atgtttggag atgccagcac gagtctgggt 660
gtgccg                                           666

```

```

<210> 1669
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(173)
<223> similar to gi437055 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1669
caacaaccac ccaaacacaca ccaaccaaac caaaaacacc acacaccaca cccacaacaa 60
aacacccac ccaacaccca caaccacccc aaacccacc acacacacca ccaaacacaa 120
ccacaaacac acacaacaac caaaacaccc cactctccac cacagatcca cacaaccccc 180
agggatccag tgggacattc agaccgaatg gctcagatgt gggtcacagt aaaaatctgg 240
cctcctagtt ttgagctgac tcaactcaact tggaggaaaag atacgtttga gttttatgtc 300
aatccattta gttgggattt ggctcctaata cagcaaatat agatttggtc aacaacttgc 360
cacagccaga aggtctctgt gcc                                           383

```

```

<210> 1670
<211> 688
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (172)...(674)
<223> similar to gi5541872 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1670
ggcacgagag ggaaacgtca tatatctgga agttcagaaa ggccagttcc tgcggctcct 60
ctgtgctgct gacagccagc cccctgccac gctgagctgg gtctgcagg acagagtcct 120
ctcctcgtcc caccctggg gccccagaac cctggggctg gagctgcgtg ggatcctcca 180
gagaacctga gagtgatggt ttcccaagca aacaggacag tcctggaaaa cctcgggaac 240
ggcacatccc tcccggtcct ggagggccaa agcctgcgcc tgggtctgtgt caccacagc 300
agccccccag ccaggctgag ctggaccggg tggggacaga ccgtggggcc ctcccagccc 360
tcagaccccg gggctctgga gctgccaccc attcaaattg agcacgaagg agagttcacc 420

```

tgccacgctc	agcaccctct	gggctcccag	cacgtctctc	tcagcctctc	cgtgcactgg	480
aagctggagc	atgggggagg	acttggcctg	ggggctgccc	tgggagctgg	cgtcgctgcc	540
ctgctcgctt	tctgttcctg	ccttgtcgtc	ttcaggggtga	agatctgcag	gaaggaagct	600
cgcaagaggg	cagcagctga	gcaggacgtg	ccctccaccc	tgggacccat	ctcccagggt	660
caccagcatg	aatgctcggc	aggcagca				688

<210> 1671  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (128)...(238)  
 <223> similar to gi1245337 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1671	
ggcacgagca	aactcggggc tcagcttggg gacgggagtt gatagtcagg tgcctggaac 60
ataatggaga	ccgtccatat tggttgaatg agtggatgaa tgaattaatg aatttctttt 120
ctcttaagtc	ctgcagctga ttaagtcaca gaaatttctg aataagttgg tgatcttggg 180
ggaaacggag	aaggagaaga tcctgcggaa ggaatatgtt tttgctgact ccaaagtaag 240
tgacagcaaa	cttctaaagt gggctgtgag gtaggaggag gacacaagcg ttttgaggct 300
cgctgtgtgc	cagggagtggt atcattagct cactc 335

<210> 1672  
 <211> 1293  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (82)...(622)  
 <223> similar to gi2257588 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1672	
cgacgcctgt	ccctcttaga cttgcagctc ggtcctcttg gcagagaccc cccgcaggag 60
tgcagcacct	tctccccaac agacagcggg gaggagccgg ggcagctctc ccctggcggtg 120
cagttccagc	ggcggcagaa ccagcgccgc ttctccatgg aggacgtcag caagaggctc 180
tctctgccca	tggatatccg cctgccccag gaattcctac agaagctaca gatggagagc 240
ccagatctgc	ccaagccgct cagccgcatg tcccgcgggg cctccctgtc agacattggc 300
tttgggaaac	tggaaacata cgtgaaactg gacaaactgg gagagggcac ctatgccaca 360

001210 012100 09482725 012100

```

gtcttcaaag ggcgcagcaa actgacggag aaccttgtgg ccctgaaaga gatccggctg 420
gagcacgagg agggagcgcc ctgcactgcc atccgagagg tgtctctgct gaagaacctg 480
aagcacgcca atattgtgac cctgcatgac ctcattccaca cagatcggtc cctcaccctg 540
gtgtttgagt acctggacag tgacctgaag cagtattctgg accactgtgg gaacctcatg 600
agcatgcaca acgtcaaggt gaggcctcgg gggcagggtc ccccatctt ggcagccacc 660
tgtccagaag cccagtgtgg ggacccactc tcaccaccag ggatccggct gctgagggtg 720
ctcaaacctt cccacgtagg aaagagggag agggcaatgc catcaacgag tccagggaact 780
gggttgagcg ctttacccca agaacagaca cacactgtct gccactgtct agctgttggt 840
ataaaaccca ctctcaactc tgaacatcag tttcccagtc tgtcaaattg gagtgtgagc 900
tacctgccaa aatgcaggga ggcttctggg gaagctcggg gttatgaatg acctctcctg 960
gtgtttgtta aagaatcaag actgggcatg gtggccacg cctgtaatcc cagcactggg 1020
aggccaaggc aggaagatgg cttagagcca ggagtttgag accagcctgg gcaacatggc 1080
aagacctcat ctctactaaa aattgaaaaa ttagccgggc acagtagcgt gcacccatag 1140
tcccagctgc ttgagaggct gaggcaggag ggccacttga gcccgggagg ttgaggctgc 1200
agtgaagcat gatcacacca ctgcactcca gcatgggtga cagagtaaaa ccctgacatg 1260
tattgcgggc gctctagagg ataacaagca tac 1293

```

```

<210> 1673
<211> 327
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (7)...(205)
<223> similar to gi28620 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1673
ggcacgagtc cagatgctga gattcgccct tgggtgttaca ccatggatcc cagtgtcagg 60
tgggagtact gcaacctgac acgatgtcca gtgacagaat cgagtgtcct cacaactccc 120
acagtggccc cggttccaag ctgagatgct ccttcggaac atacatcatc tgcgaaatgt 180
cccggtggtc agaatcggta ttattgtatg cctcagctgt ttagtaccgt attgttcaat 240
tgtggatcta ggaatgaact gagttgtatg tgggtacgga gtgaacgggc ttaattatgt 300
gtgtcacttc tgcttgtttg agtaatg 327

```

```

<210> 1674
<211> 358
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (141)...(295)
<223> similar to gi3319897 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

001210 012100

```
<400> 1674
ggcacgaggt tcggaggcat agtgggggaa tcaggcttta ttctgaagaa acagttgact    60
acatgggact ttttctaccc aatgcccatt tcacgactcc tctgagacta attgggaaac    120
ggggaaattc ttggaatttt gatttttaaaa aacttttttg ggtttttttac ttatatgaga    180
ctgtcagaag acatccttac ttttatgccc cgcaactcct ttatatagct attcagtcta    240
gagctgattt tacacaattg tctctggctg ctgttgattt tgactgcttg aaatcatttt    300
ttgatgagat ccccttgta taaaccgctt tgtgccgtgt agacagcttg atagagcc    358
```

```
<210> 1675
<211> 645
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (36)...(645)
<223> similar to gi311337 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 1675
ttggcacgag gcctcgtgcc aagcttggca cgagggaggg cggcgaagag gacccgcagg    60
ctgcaaggag caacagcgat ggtgagaagg caaccaaagt gcaggacatc aaaaacaacc    120
tgaaagaggg gattgaaacc attgtggccg ccatgagcaa cctggtgccc cccgtggagc    180
tgccaacccc cgagaaccag ttcagagtgg actacattct gagtgtgatg aacgtgcctg    240
actttgactt ccctcccga ttttatgagc atgccaaggc tctgtgggag gatgaaggag    300
tgcgtgcctg ctacgaacgc tccaacgagt accagctgat tgactgtgcc cagtacttcc    360
tggaacaagat cgacgtgatc aagcaggctg actatgtgcc gagcgatcag gacctgcttc    420
gctgccgtgt cctgacttct ggaatctttg agaccaagtt ccaggtggac aaagtcaact    480
tccacatggt tgacgtgggt ggccagcgcg atgaacgccg caagtggatc cagtgcttga    540
acgatgttac tgccctcttc ttactgacgg gctgcggctg gtacttcgtg tgcattccagc    600
gggatcagct gactgaccgg ctgcaatacg gttatacact gaatc    645
```

```
<210> 1676
<211> 352
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (234)...(355)
<223> similar to gi451210 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```